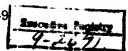
Approved For Release 2003/07/29: CIA-RDP80B01676R001000030001-9

FEDERAL CIVIL DEFENSE ADMINISTRATION



NATIONAL HEADQUARTERS
BATTLE CREEK, MICHIGAN

OFFICE OF THE ADMINISTRATOR

APR 1 6 1957

Honorable Allen W. Dulles Director of Central Intelligence Washington 25, D. C.

Dear Mr. Dulles:

Enclosed is a copy of our Annual Report for 1956. In conformity with most other Government operations, this Report is for the fiscal year. Previous reports have been on a calendar year basis.

I am grateful for the increased interest and participation of Federal Departments and Agencies in civil defense.

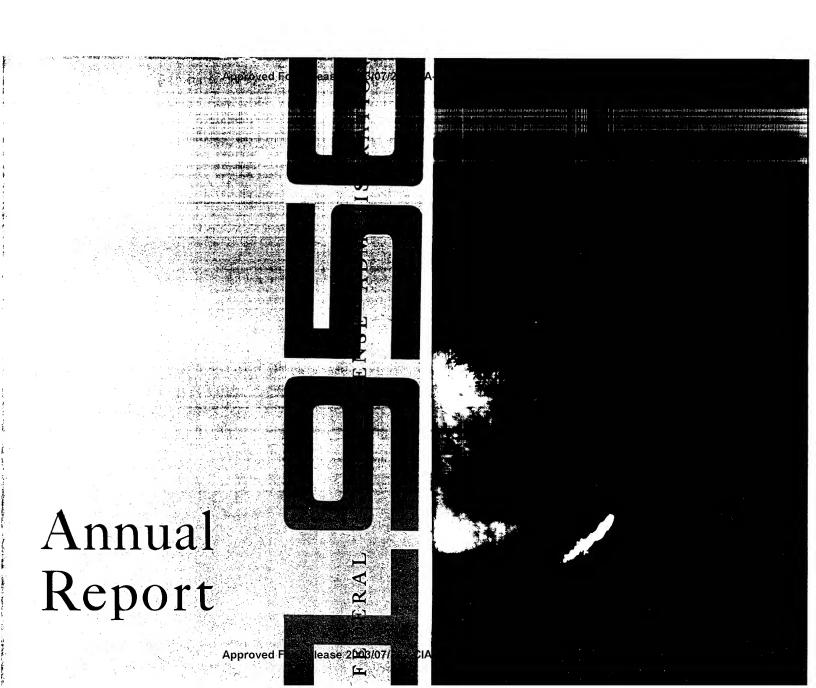
Sincerely

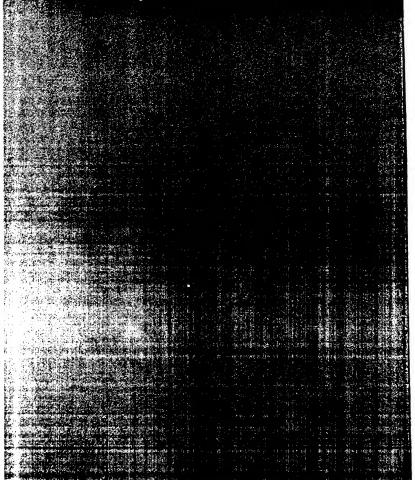
Val Petergo

Enclosure

skil hoshist

26 17 23 TE Grand





: CIA-RDP80B01676R001000030001-9

Annual Report for Fiscal Year 1956



FEDERAL CIVIL DEFENSE ADMINISTRATION

- 일본 (현일의 당근원현일을 1일 Devis Redevis 제기 시 TEN 및 1명 편리 "제기 시 회원의



LETTER OF TRANSMITTAL

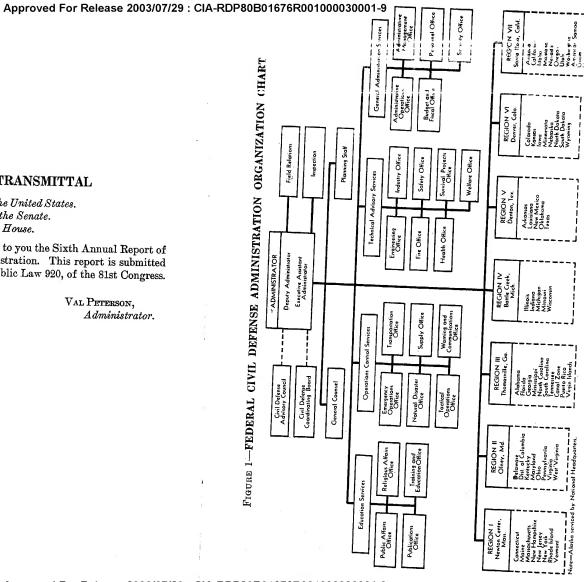
The Honorable, The President of the United States. The Honorable, The President of the Senate. The Honorable, The Speaker of the House.

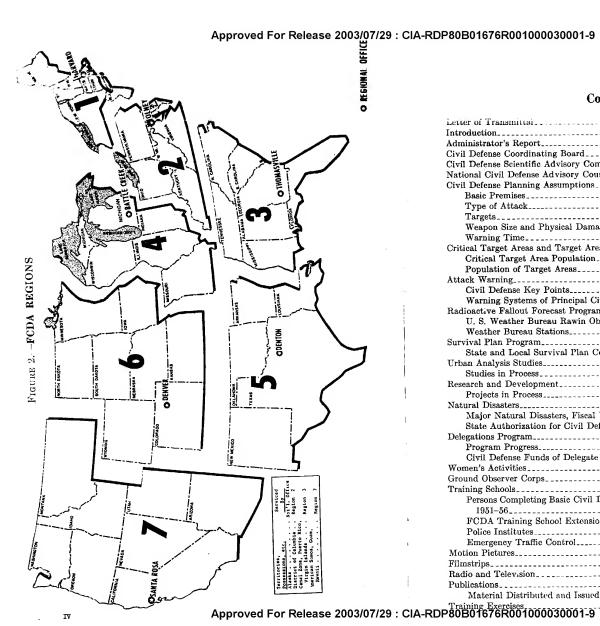
I have the honor of transmitting to you the Sixth Annual Report of the Federal Civil Defense Administration. This report is submitted in conformity with section 406, Public Law 920, of the 81st Congress.

Respectfully,

VAL PETERSON, $Administrator. \ \ \,$

n





Contents

	Fage
etter of Transmittai	H
ntroduction	1
Administrator's Report	1
Civil Defense Coordinating Board	3
Civil Defense Scientific Advisory Committee	3
Vational Civil Defense Advisory Council	5
Civil Defense Planning Assumptions	ō
Basic Premises	E
Type of Attack	7
Targets	8
Weapon Size and Physical Damage	ç
Warning Time	9
Critical Target Areas and Target Areas	10
Critical Target Area Population	1;
Population of Target Areas	10
Attack Warning	10
Civil Defense Key Points	13
Warning Systems of Principal Cities	2
Radioactive Fallout Forecast Program	2
U. S. Weather Bureau Rawin Observatories	2
Weather Bureau Stations	2
Survival Plan Program	2
State and Local Survival Plan Contracts	2
Urban Analysis Studies	2
Studies in Process	2
Research and Development	2
Projects in Process	2
Natural Disasters	3
Major Natural Disasters, Fiscal Year 1956	3
State Authorization for Civil Defense Action in Natural Disasters	3
Delegations Program.	3
Program Progress	3
Civil Defense Funds of Delegate Agencies.	4
Women's Activities	4
Ground Observer Corps	4
Training Schools	5
Persons Completing Basic Civil Defense Courses by Region and State,	
1951-56	5
FCDA Training School Extension Program	5
Police Institutes	5
Emergency Traffic Control	5
Motion Pictures	5
Filmstrips	5
Radio and Television	5
Publications	ě
Material Distributed and Issued in Fiscal Year 1956	ì
Training Exercises	Č
± 1000000 00000000000000000000000000000	

Approved For Release 2003/07/29 : CIA-RDP80B01676R001000030001-9

	Page
Stockpiling	- 75
Descriptions	-
Document of Sologted Items	_
Distriction of Radiological Instruments	_ ,0
Defense Emergency Hospitals	_ 00
Cini Defence Emergency Hospitals on Loan to States.	
With the bounding	
Discounting Aid to States and Cities	
Federal Funds Obligated—By Program	00
E-devel Funds Obligated—By Region—	
Commonwer All Programs	
Chata Circil Defense Councils and Advisory Committees	
Civil Defense Personnel	100
T to the Circl Defence and Disaster Compacts	
W. J. Germanastian for Civil Defense Personnel.	
American National Red Cross Cooperation	
T. t tional Conneration	
Mr Adjustic Troots: Organization	
a 1	
Co-marction with Other Friendly Nations	
Visits by FCDA Officials Abroad	118
Figures Chart	_ 111
1. Federal Civil Defense Administration Organization Chart	
2. FCDA Regions	
3. Critical Target Areas and Target Areas in the United States	Facing 20
4. Civil Defense Key Points	22
5. U. S. Weather Bureau Rawin Observatories	
6. Civil Defense Forces Authorized by State Law to Combat Natu	36
Disasters	
7. Observation Posts Organized—Status at End of Quarter	48
8. Volunteers Enrolled—Status at End of Quarter	
9. Expanded GOC Program.	
9. Expanded GOC Frogram 10. Persons Completing Basic Civil Defense Courses—Fiscal Years 1951—	76
11. Stockpiling—Appropriations versus Obligations	
11. Stockpiling—Appropriations versus Congasions———————————————————————————————————	83
13. Medical Warehousing—Storage—By Facility—————	86
and the state of the state of the program and the state of the state o	
16. Federal Funds Obligated Per Capita—1952 through June 1956	11
17 Tetapototo Civil Defense Compacts	
18. Workmen's Compensation by States	Facing 11
19 Coverage of Civil Defense Personnel	a section 1 t

VΙ

INTRODUCTION

The Federal Civil Defense Administration was created by the Federal Civil Defense Act of 1950, Public Law 920, passed January 12, 1951, by the 81st Congress.

Principal responsibilities of the Administrator under this Act are to:

a. Prepare national civil defense plans and programs.

b. Delegate appropriate civil defense responsibilities to other Federal agencies.

- c. Provide for necessary communications and warning systems.
- d. Develop civil defense measures to protect life and property.
- e. Train people in civil defense organization, operations, and techniques.
 - f. Disseminate appropriate civil defense information to the public.
- g. Encourage the States to enter into interstate civil defense compacts.
 - h. Procure civil defense materials and facilities.
- i. Make available Federal funds to the States, on a matching basis, for civil defense programs approved by the Administrator.

This annual report shows in summary form the progress made in several aspects of civil defense and particularly in the programs carried on directly by FCDA.

ADMINISTRATOR'S REPORT

Fiscal year 1956 was a year of considerable progress for the Federal Civil Defense Administration. Reports on the accomplishments and progress of our various services and in our many fields of activity are detailed in the body of this annual report and I will make no attempt to summarize them in this brief foreword.

Rather, I prefer to devote this space to a discussion of a different kind of development and progress, and a look into our needs of the future.

It was clear at the close of fiscal year 1956 that civil defense had won greater acceptance. Americans appeared to have recognized that civil defense has become a permanent part of our way of life. Even more important, there appeared to be agreement that it was necessary to improve civil defense, as an indispensable and urgently needed defensive weapon in the event this Nation should ever be attacked, and as a force, which if known to be capable of fulfilling its assigned task, would defer a potential aggressor from risking an attack.

Approved For Release 2003/07/29: CIA-RDP80B01676R001000030001-9
Development of new and more destructive weapons was accompanied proper combination of the two programs still holds the best hope for by recognition of the need for an updating—a modernization—of the

Federal Civil Defense Law which was written before the advent of the hydrogen bomb, and before the intercontinental ballistic missile

loomed on the horizon.

In the letter which President Eisenhower addressed to me on July 17, 1956, the President pointed out that our whole civil defense effort needs "both strengthening and modernizing." He added: "It is evident that the exigencies of the present threat require vesting in the Federal Government a larger responsibility in our national plan of civil defense."

The President made specific recommendations in connection with revision of the Federal Civil Defense Law. He declared: "Plans to meet postattack situations are, of course, essential, but the Federal Civil Defense Administration needs authority to carry out necessary preattack preparations as well. It must be enabled to assure adequate participation in the civil defense program. It must be empowered to work out logical plans for possible target areas which overlap State and municipal boundaries. It must have an organization capable of discharging these increased responsibilities. Moreover, the prestige and effectiveness of the Federal Civil Defense Administration must be equal to the heavy responsibility it holds."

We in FCDA are giving continuing study to ways and means of accomplishing this modernization of civil defense law to make possible the strengthening of civil defense organizations on all levels.

It is important however, that we avoid Federal preemption of all civil defense programs which are dependent upon widespread civilian participation. The Federal Government cannot give the Nation civil defense. As President Eisenhower has pointed out, should an emergency occur, our Nation's survival may be dependent upon the way each of us responds to his duty. In an area attacked, survival will initially rest mainly with the individual and the community.

That is why, in all our planning, we stress a partnership between the Federal Government, States, cities, and towns. During fiscal year 1956, FCDA developed closer cooperation with the States than ever before. Each program, each new decision affecting major policy, was discussed in advance with State civil defense directors. We look

forward to an intensification of this program next year.

The basic concept of civil defense remained unchanged during fiscal year 1956. Our concept—as it has been since the recognition of the fallout danger-is a balanced program of evacuation and shelter Changing conditions may dictate from time to time that greater suress be placed on one or the other of these defense methods. However, neither by itself can be advanced as a complete solution. The

saving lives.

CIVIL DEFENSE COORDINATING BOARD

The Civil Defense Coordinating Board was established by Executive Order 10611 on May 11, 1955.

FEDERAL CIVIL DEFENSE ADMINISTRATION

The Board is composed of the Administrator of FCDA, who is the Chairman of the Board, and 17 other members.

The functions of the Board are:

a. To assist in the development of a plan for the participation of all Federal departments and agencies in the civil defense of the Nation.

b. To recommend to the President specific arrangements for civil defense responsibilities to be assumed by various Government departments and agencies.

c. To facilitate such arrangements with the Department of Defense and the Office of Defense Mobilization.

d. To advise the President of the progress of the plan.

The first special meeting of the Board was held in Washington, on August 2, 1955. Members of delegate agencies discussed allocation of \$1,500,000 appropriated by Congress to FCDA for distribution to the delegate agencies.

The third regular meeting was held in Washington, on September 12, 1955. Civil defense progress, deficiencies, and recommendations for the future were discussed. The fourth, fifth, and sixth regular meetings were held on October 11, November 10, and December 20, 1955. Agency opinions were discussed and an agreement reached on FCDA's initial proposals of the Agency legislative program to be submitted to the Cabinet. Other subjects discussed were integration of civil defense into all departments and agencies of the Federal Government, Operation Alert 1956, and FCDA survival studies.

On March 27, 1956, Board members met in Battle Creek, Mich., for an all-day briefing and discussion of the civil defense program. On May 22, 1956, a meeting was held in Washington to discuss plans for Operation Alert, to review a paper proposing a Federal financial policy for emergencies and a paper establishing a tentative timetable for civil defense planning.

CIVIL DEFENSE SCIENTIFIC ADVISORY COMMITTEE

The Civil Defense Scientific Advisory Committee, composed of leading scientists in a variety of fields, was formed by the National Academy of Sciences at the request of FCDA. The members of the committee serve without pay, and the committee advises the agency

on technical and scientific problems. During fiscal year 1956, the travel and administrative expenses incurred by the committee were financed through research funds.

Dr. Merle Tuve, physicist, Department of Terrestrial Magnetism, Carnegie Institution, Washington, D. C., is chairman of the committee. Other members of the committee are:

Mr. Willard Bascom, technical director, research engineer on leave from the University of California.

Mr. Gerhard D. Bleicken, attorney, John Hancock Mutual Life Insurance Co.

Dr. Herbert M. Bosch, sanitary engineer, professor, University of Minnesota.

Dean David Cavers, attorney, associate dean, Harvard University Law School.

Dr. Eugene P. Cronkite, physician and hematologist, Brookhaven National Laboratory.

Dr. Richard M. Emberson, physicist, Associated Universities, Inc. Mr. E. H. Holmes, highway engineer, United States Bureau of Public Roads.

Dr. Rensis Likert, sociologist, director of the Institute for Social Research, University of Michigan.

Dr. R. B. Roberts, physicist, Department of Terrestrial Magnetism, Carnegie Institution, Washington, D. C.

Dr. Herbert Scoville, Jr., physicist, Armed Forces Special Weapons Project, Department of Defense.

Dr. Lauriston S. Taylor, physicist, chief, Division of Atomic and Radiation Physics, National Bureau of Standards.

Meetings were held on July 15 and December 20, 1955, at the Dupont Circle Building, Washington, D. C. In addition there were numerous meetings of panels of the committee established to consider specific questions.

Committee recommendations are communicated to the FCDA in written reports, in memoranda from the chairman or technical director, and in oral briefings by the technical director.

During fiscal year 1956 the following reports were made by the committee:

Recommended Research Program for Civil Defense. July. Revision of Proposed Evacuation-Shelter Policy. November. Report on Civil Defense in Arlington Public Schools. September. Report on Operation Green Light, Portland, Oreg. September. Report on Washington, D. C., Warning System. October. Legal Measures to Provide a Civil Defense in West Germany.

Federal Civil Defense Legislation. April.

During 1956, 3 new members were appointed to the 12-member

National Civil Defense Advisory Council replacing members whose terms had expired, and 4 were reappointed.

At the close of the year the following were members:

Hon. Arthur B. Langlie, Governor of Washington

Hon. Goodwin J. Knight, Governor of California (new member)

Hon. Allen B. Shivers, Governor of Texas (new member)

Hon. John B. Hynes, Mayor of Boston (new member) Hon. Albert E. Cobo, Mayor of Detroit (reappointed)

Hon. Clifford E. Rishell, Mayor of Oakland, Calif. (reappointed)

Mrs. Katherine G. Howard, Boston, Mass. (reappointed)

Mrs. Charles W. Weis, Jr., Rochester, N. Y. (reappointed) Gordon Dean, former Chairman of the Atomic Energy

Commission

Gen. Otto L. Nelson, Vice President of New York Life Insurance

Hon. Okey L. Patteson, former Governor of West Virginia George J. Richardson, Secretary-Treasurer, International Association of Fire Fighters, American Federation of Labor

During fiscal year 1956, the Council met twice. Meetings were held at Omaha, Nebr., headquarters of the Strategic Air Command and at Battle Creek, Mich., FCDA Headquarters.

At the Omaha meeting the Council discussed the FCDA survival plan program, and a paper prepared for the President by FCDA concerning civil defense deficiencies and recommendations for the future. Strategic Air Command personnel presented a classified briefing for the Council.

At the Battle Creek meeting the Council discussed the congressional hearings on civil defense conducted by the subcommittee (Holifield Committee) of the House Committee on Government Operations; new developments in civil defense; and the new civil defense programscontinuity of State and local government and reduction of urban vulnerability. Members of the FCDA planning staff gave classified briefings on strategic warning, the threat this Nation faces, and the basic responsibilities FCDA would assume in an emergency.

CIVIL DEFENSE PLANNING ASSUMPTIONS

These planning assumptions are effective as of September 4, 1956. They will be amended or, if necessary, replaced by new assumptions whenever changes of sufficient magnitude clearly indicate that this issuance is inadequate.

Civil Defense Against Great FireForVer For Release 2003/07/29 : CIA-RDP80B01676R001000030001-9

Since there is no evidence that any nation has yet overcome all of the scientific problems involved in either the IRBM or the ICBM, the major emphasis of these assumptions is on presently available means of delivery. The prime characteristic of this period is the possession by a potential enemy of the means of making nuclear weapons of megaton yield and of delivering them on distant targets by piloted aircraft. Improvements in both offensive and defensive capabilities are virtually certain. However, the strategy and tactics of civil defense are not likely to require major change from those currently being developed until some new technological breakthrough is achieved.

Planning assumptions are sometimes misunderstood. Frequently they are taken for predictions. Planning assumptions are in no sense predictions. Nor are they based on uncontrovertible facts that lead to only one conclusion. Planning assumptions are created by a need for broad estimates in areas where one is bound to be unsure. Civil defense needs to have a common base for planning in several different areas. Consequently, FCDA carefully canvasses available intelligence and available information and then establishes assumptions consistent with such estimates.

These assumptions give a basis on which Federal, State, and local civil defense authorities can develop plans and can set priorities of action. It is expected that each agency with civil defense responsibilities will review its plans in the light of these assumptions.

Basic Premises

- A. It is accepted that a potential enemy has the capability of attacking any target within the United States or its possessions.
- B. It is accepted that a potential enemy has the capability of:
 - 1. Producing nuclear weapons, biological and chemical warfare agents, as well as conventional incendiary and high explosive
 - 2. Delivering these weapons by piloted aircraft, submarine launched missiles or mines, and by claudestine means.
 - 3. Supporting a large scale war effort by technical and industrial skills and organizations.

These assumptions are intended to cover several Release 2003/07/29: CIA-RDP80B01676R607606030001-9 FENSE ADMINISTRATION

C. It is accepted that a potential enemy is engaged in a major effort to develop both guided and ballistic missiles, including the ICBM.

Type of Attack

- A. It is assumed that the greatest weight of attack will be nuclear since the capability of a potential enemy may reach, in the next few years, a size which it could consider as exceeding the destructive tonnage necessary to win a war.
- B. It is assumed that, if the United States is attacked, the major effort will consist of delivering nuclear weapons upon bases of military retaliation and centers of population and industry.
 - 1. It is assumed that, until the intercontinental ballistic missile is available to an aggressor, principal reliance will be placed upon delivery by manned bombers, with higher speed and performance jet bombers tending to replace propeller-driven bombers.
 - 2. It is further assumed that, even when the intercontinental ballistic missile is available, a considerable weight of attack will continue to require delivery by manned aircraft.
 - 3. It is assumed that the time is distant when any nation will possess enough very long-range missiles to make possible the instant destruction of another nation.
- C. It is assumed that nuclear weapons will also be delivered by missiles or mines from submarines or surface vessels or by clandestine means, on a scale considerably less than that of the air attack. Their use independent of an air attack is not considered likely. Danger from naval attack decreases with distance from the coast.
- D. It is assumed that surface bursts will generally be employed since radioactive fallout from such bursts can increase casualties and interfere with military or civilian activity for days or weeks.
- E. It is assumed that, although nuclear weapons will be relied upon as the means of gaining the military decision, chemical warfare and biological warfare agents will be used against humans. Use of these weapons will be to increase confusion and impede defensive actions. The chances of use of such weapons are greater in subsequent attacks than in the initial blow. In any case, the threat is minor as compared with that of nuclear weapons.
- F. It is assumed that biological warfare agents will be employed against animals and crops, especially if long-term recuperative power gives indications of being a decisive factor. Use of this weapon on any large scale is unlikely in the initial blow.
- (1. It is assumed that psychological warfare and all out propaganda efforts will accompany any attack in order to magnify and distort the real situation, to disrupt defense programs, impair essential

II. It is assumed that, in addition to clandestine introduction of nuclear weapons, sabotage will be employed, involving conventional means as well as biological and chemical weapons.

1. It is assumed that the enemy's initial attack will be an attempted knockout blow, placing primary reliance on nuclear weapons delivered by air. It is assumed that there will be subsequent attacks of varying intensity, employing in addition other weapons and means of delivery.

Targets

- A. It is assumed that bases of military retaliation, other important military installations, and concentrations of population and industry will be targets for nuclear attack.
- B. It is assumed that an aggressor will select targets from the following categories with priorities determined by its objectives at any particular time:
 - 1. Critical Target Areas as defined in "Target Areas for Civil Defense Purposes."
 - 2. Civil and military airfields with hardsurfaced runways of 7,000 feet or more, with major servicing and maintenance facilities.
 - 3. Major harbors, ports, and naval bases.
 - 4. AEC facilities.
 - 5. Major military command and control headquarters, such as the Pentagon, Continental Army Command, Naval Sea Frontiers, Strategic Air Command, Continental Air Command, and Tactical Air Command.
 - 6. Target Areas other than CTA's as defined in "Target Areas for Civil Defense Purposes," including all State capitals.
 - Army and Marine Corps posts and stations housing divisions of the General Reserve and Fleet Marine Force.
 - 8. Major military service supply depots.

In many cases, a number of the above military and civilian categories will be found close together. For example, New York City meets the criteria of at least the following categories: (a) Critical Target Area; (b) Major port; (c) Naval Base; (d) Airfields with hardsurfaced runways in excess of 7.000 feet.

C. It is assumed that an aggressor may frequently choose to direct attack at any one, several, or all aiming points within a target area. Some targets contain only one probable aiming point. Most, however, either because they are large in area or because they are composed of a variety of military and civilian targets, contain a number of aiming points.

D. It is assumed that all possible targets will not be attacked either in the initial blow or subsequently. The number of targets to be attacked or the pattern of attack cannot reasonably be predicted at any specific date.

Weapon Size and Physical Damage

- A. It is assumed that a potential enemy can produce nuclear weapons of varying yields ranging from few kilotons (thousands of tons) to megatons (millions of tons) of TNT equivalent.
- B. It is assumed that a potential enemy's stockpile of nuclear weapons is growing and that the number of megaton yield weapons will, in the course of time, become large enough to permit employment of such weapons on progressively larger numbers of targets.
- C. It is assumed that, for the development of civil defense plans for (a) evacuation and reception; (b) relocation or dispersal; (c) shelter requirements and criteria, the nuclear weapons used will cause complete destruction (A-Zone) within a radius of 2 miles as a minimum, 5 miles as a maximum.
- D. It is assumed that bombing errors will occur and that the aiming point and actual ground zero will seldom exactly coincide. It is assumed, however, that the area of complete destruction will generally be of sufficient size to include such an aiming point in cases where the attacking aircraft reaches its bomb release line.
- E. It is assumed that any target hit by nuclear weapons will be substantially destroyed by the direct effects of blast, heat, and radiation. A number of targets will require more than one detonation because of (1) total area; (2) shape, particularly when one axis is considerably longer than another; (3) wide separation of rewarding aiming points.
- F. It is assumed that radioactive fallout resulting from surface bursts of weapons, whether on or off target, will spread downwind over considerable areas. Fallout from a large-scale attack could affect any portion of the United States.
- G. It is assumed that a potential enemy can produce a considerable variety of biological and chemical warfare agents and can deliver them on the United States. It is assumed, however, that large-scale delivery of such weapons will be less accurate and less damaging than the delivery of nuclear weapons by a similar number of carriers.

Warning Time

A. It is assumed that a civil defense alert of an initial mass attack by manned aircraft will be received on the Canadian border and Approved For Release 2003/07/29 CIA-RDP80B04676R00P060030001Galf coasts from 1 to 3 hours before Approved For Release 2003/07/29 : CIA-RDP80B01676R001800030001-9 targets within these boundaries will be under attack. It is ex pected that intelligence on the probable time that attacking planes will take to reach specific targets will be available to civil defense through the Civil Air Defense Warning system.

B. It is assumed that interior targets will have 1 to 3 hours additional between the time a civil defense alert is received and the time when interior targets are under attack from manned aircraft.

C. No definite assumptions can be made of the availability of strategic warning. However, plans should also include the contingency of a strategic warning, announced to the Nation by the President, before any direct attack on this country had been initiated. It might be measured in hours or even days, and would make possible more careful and detailed preparations for an actual alert. We can never be sure that there will be strategic warning. Emphasis should be placed on maximum utilization of tactical warning since the probability of such warning is much higher.

CRITICAL TARGET AREAS AND TARGET AREAS

The target areas and critical target areas listed in this report have been so designated on the basis of population and industry criteria. FCDA, in conjunction with other Federal agencies, is currently developing an expanded list of target and critical target areas which will incorporate certain military considerations as well as civil defense criteria. The new list, consonant with current planning assumptions, will be issued at a later date.

One hundred and eighty-seven areas in the continental United States have been designated target areas meeting the population and industry criteria. (In addition, eight areas in United States Territories and possessions have been so designated.) The 187 target areas include all standard metropolitan areas as defined by the Federal Committee on Standard Metropolitan Areas, and all State capitals not already included as standard metropolitan areas. Seventy-two of the 187 areas have been designated critical target areas. These are the standard metropolitan areas having 40,000 or more industrial employees as reported by the United States Department of Labor. Washington, D. C., because of its importance as the Nation's capital, is listed as a critical target area.

Locations of the 187 areas are shown on the following map (fig. 3). These are areas regarded for civil defense purposes as probable targets for nuclear attack since they contain major concentrations of population and industry.

CRITICAL TARGET AREA TARGET AREA ģ j FIGURE 3.—CRITICAL TARGET AREAS AND TARGET AREAS IN THE

日本のでは、「日本のでは、」」
「日本のでは、「日本のでは 「日本のでは、「日本 日本のでは、「日本のでは、日本のでは、「日本のでは、「日本のでは、日本のでは、日本のでは、「日本のでは、「日本のでは、日本のでは、「日本のでは、「日本のでは、「日本のでは

ard Metropolitan Areas: 1. The title of the Los Angeles area was changed to Los Angeles-Long Beach. This was simply a change in title, not in area covered.

2. The definition of the Evansville, Ind., area was amended to include Henderson County, Ky.

3. The definition of the Atlanta, Ga., area was amended to include Clayton County, Ga.

4. The West Palm Beach, Fla., standard metropolitan area was established and hence will be regarded as an additional target area.

Two areas formerly classified as target areas are now included in the list of critical target areas; namely, Greensboro-High Point, N. C., and Rockford, Ill. These were changed to critical target areas upon meeting the criteria of standard metropolitan areas having 40,000 or more industrial employees as reported in at least three consecutive issues of the "Bi-Monthly Summary of Labor Market Developments in Major Areas" published by the Department of Labor.

The latest census figures on population of most critical target areas are as of 1950. The United States Bureau of the Census has made estimates for four of the areas, however, as of January 1, 1956; namely, Houston, Milwaukee, St. Louis, and Washington, D. C. A total of the latest figures available indicates about 69,158,000 people in the 72 areas.

Each of these areas is a standard metropolitan area as defined by the Federal Committee on Standard Metropolitan Areas. Except in New England, each area is composed of a county or group of closely integrated contiguous counties, having at least one city of 50,000 inhabitants or more. In New England, towns and cities were the units used in defining standard metropolitan areas, with population density the principal criterion.

Since most critical target areas contain entire counties, they may have some rural as well as urban territory. The thickly settled urban core of each standard metropolitan area is referred to as its urbanized

Each critical target area has at least one central city of $50,\!000$ or more mhabitants. Some areas have two or more such cities. In the following table the largest city in each of the 72 critical target areas and all other cities of 90,000 or more in the areas are listed as "principal cities" with a comparison of each city's resident population with its day population. The 94 principal cities in the 72 CTA's bad a resident population of 41,345,000. Their combined day population was 48,508, population of 41,043,000. Their comment and p-population is see footnotes at end of table.

000 or 18 percent larger than resident population. In six cities (Som-Approved For Release 2003/07/29: CIA-RDP80B01676R001000030001-9

erville, Mass.; Long Beach, Berkeley, and Richmond, Calif.; Jersey City, N. J., and Yonkers, N. Y.) the day population is less than resident population as commuters go into the larger central cities in their daily employment. In several cities, population in the daytime increases 50 percent or more over resident population. The population of Newark, N. J., more than doubles in the daytime.

Critical Target Area Population

		I	opulation (1	950 except wh	ere noted)	
ap fer-				Prin	cipal city 2	
0,1	Critical target area and principal cities	Critical target area	Urbanized area	Resident	Day	3
	a)				Number	Percent of resi- dent
	Total	69, 158, 283	(4)	41, 345, 129	(4)	(4)
1	Akron, Ohio	410, 032	366, 765	274, 605	314, 069	11
2	Akron Albany-Schenectady-Troy, N. Y	514, 490	291, 897			
	Albany Schenectady Allentown-Bethlehem-Easton, Pa.			134, 995 91, 785	166, 975 108, 470	1 12 11
3	(N. J.)	437, 824	225, 962	106, 756	141, 150	13
4	AllentownAtlanta, Ga	694, 669	\$ 507, 887	l		12
5	Atlanta Baltimore, Md	1, 337, 373	1, 161, 852	331, 314	416, 560	
	Baltimore Binghamton, N. Y		144,011	949, 708	1, 071, 104	11
6	Binghamton	t		80, 674	96, 033	1
7	Birmingham, Ala	558, 928	445, 314	326, 037	451, 892	i.
8	Boston Mass	2, 369, 986	2, 333, 448	801, 444	1 075 107	1
	Boston Lynn			99, 738 120, 740	1, 075, 107 117, 796 147, 884	1
	CambridgeSomerville			120,740	90, 693	1
9	Bridgeport, ConnBridgeport	. 258, 137	237, 435	158, 709	209, 282	ī
10	Duffelo N V	1 1 089 230	798, 043			
	Buffalo			580, 132 90, 872	717, 098 100, 945	i
11	Canton. Ohio	. 283, 194	173, 917	116, 912	155, 724	ii
12	Canton Chattanooga, Tenn. (Ga.)	. 246, 453	167, 764		159,660	i
13			4, 920, 816	131, 041	1	
10	Chicago, Ill. (Ind.)			3, 620, 962 133, 911	4, 251, 643 156, 425	1
14	Gary, Ind. Cincinnati, Ohio (Ky.)		813, 292			i
	CincinnatiCleveland, Ohio		1, 383, 599	503, 998	620, 473	1
15	Cleveland			914, 808	1, 085, 830	1
16	Columbus, Ohio	503, 410		375, 901	422, 752	1
17	Columbus Dallas, Tex Dallas		538, 924	434, 462	497, 621	i
18	Davenport, Iowa-Rock Island- Moline, Ill	234, 256	194, 925	74, 549	112, 271	į _i
19	Davenport	457, 333	346, 864	1		
	Dayton			243, 872	301,540	
30	Denver, Colo Denver		100, 740	.; 415, 786	400, 026	;
21	Detroit, Mich	. 3,010, 197	1 4.000,000	1, 810, 508	152, 381	,
	Dearborn			94, 994	152, 381	1 1

			Population (1	950 except w	here noted)		
Map refer- ence			Urbanized area	Principal city ²			
No.1		target		Resident	Day	у 3	
				Number	Percent of resi- dent		
49	Portland, Oreg. (Wash.)	704, 829	512, 643	373, 628	468, 699	125	
50	Providence, R. I. (Mass.)	737, 203	583, 346				
51	Providence	255, 740	154, 931	248, 674	371, 896	150	
52	Reading Rochester, N. Y Rochester	487, 632	409, 149	109, 320	179, 112	164	
53	Rochester Rockford, Ill	101,002		332, 488	383, 325	115	
•	Rockford. St. Louis, Mo. (Ill.)	152, 385	122, 226	92, 927	·····	(4)	
54	St. Louis, Mo. (III.)	7 1, 892, 000	1, 400, 058	7 841, 000	7 1, 002, 200	119	
55	St. Louis San Diego, Calif San Diego	556, 808	432, 974				
56	San Francisco-Oakland, Calif	2, 240, 767	2,022,078	334, 387	399, 198	119	
	San Francisco Oakland			775, 357 384, 575	1, 012, 145 491, 670	131 128	
	Berkeley			113, 805	102, 311	90	
57	Richmond Seattle, Wash	732, 992	621, 509	99, 545	89, 016	. 89	
58	Seattle South Bend, Ind	205, 058	168, 165	467, 591	550, 842	118	
	South Bend Springfield-Holyoke, Mass. (Conn.).			115, 911	155, 610	134	
59	Springfield	407, 255	356, 908	162, 399	210, 085	129	
60	Syracuse, N. Y	341,719	265, 286	220, 583		117	
61	Toledo, Ohio	395, 551	364, 344		258, 380		
62	Toledo Trenton, N. J	229, 781	189, 321	303, 616	342, 057	113	
63	Trenton Utica-Rome, N. Y	284, 262		128,009	156, 953	123	
	Utica		117, 424	101, 531	130, 825	129	
64	Washington, D. C. (MdVa.) Washington, D. C.	7 1, 884, 000	1, 287, 333	7 859, 000	7 980, 100	114	
65	Waterbury, Conn.	154, 656	131, 707				
66	Waterbury Wheeling, W. VaSteubenville, Ohio	354, 092	106, 650	104, 477	120, 685	116	
67	Wheeling	222, 290	194, 047	58, 891	95, 532	162	
68	Wichita_ Wilkes-Barre-Hazleton, Pa			168, 279	182, 992	109	
	Wilkes-Barre Wilmington, Del. (N. J.)	392, 241	271, 589	76,826	99, 358	129	
69	Wilmington, Del. (N. J.) Wilmington	268, 387	187, 359	110, 356	146, 929	133	
70	Worcester, Mass	276, 336	219, 330				
71	Worcester York, Pa	202, 737	78, 796	203, 485	228, 125	112	
72	York Youngstown, Ohio (Pa.)	528, 498	298, 051	59, 953	94, 276	157	
'2	Youngstown	020, 41/6	200,001	168, 330	248, 598	148	

Source; U. S. Bureau of the Census-1950.

14

1		Population (1950 except where noted)						
ap er-				Principal city 2				
0.1	Critical target area and principal cities	Critical target area	Urbanized area	Resident	Day	r 3		
					Number	Percent of resi- dent		
22	Erie, Pa	219, 388	151, 710					
23	Erie_ Evansville, Ind. (Ky.) Evansville	191, 137	6 137, 573	130, 803	155, 406	11		
24	Evansville			128, 636	141, 376	. 11		
1	(R. I.) Fall River	274, 767	243, 615	111, 963	122, 666	11		
25	New BedfordFlint, Mich	270, 963	197,631	111, 963 109, 189	122, 666 120, 643	11		
	Flint			163, 143	192, 204	11		
26	Flint Fort Wayne, Ind. Fort Wayne Fort Worth, Tex	183, 722	140, 314	133, 607	151,042	11		
27		361, 253	315, 578	278, 778	309, 781	11		
28	Grand Rapids, Mich	288, 292	226, 817	176, 515	208, 373	11		
29	Grand Rapids. Greensboro-High Point, N. C Greensboro	191, 057	(4)	74, 389	(9)	(1)		
30	Hertford Conn	358, 981	300, 786	177, 397		12		
31	Hartford Houston, Tex Houston	7 1,077,000	700, 508		229, 099			
32		551, 777	502, 375	7 711, 000	7 775, 100	10		
33	Indianapolis Kansas City, Mo. (Kans.) Kansas City, Kans	814, 357	698, 350	427, 173	484, 222	11		
	Kansas City, Kans			129, 553 456, 622	140, 336 529, 241	10 11		
34	Kansas City, Mo Knoxville, Tenn Knoxville	337, 105	148, 166	124, 769	167, 696	15		
35	Lancaster, Pa	234, 717	76, 280					
36	Lancaster Los Angeles-Long Beach, Calif	4, 367, 911	3, 996, 946	63, 774	102, 690	16		
	Glendale			1, 970, 358 95, 702 250, 767	2, 590, 743 97, 779 245, 714	13 10		
	Long Beach Pasadena			250, 767 104, 577	245, 714 122, 898	1:		
37	Louisville, Ky. (Ind.)	576, 900	472, 736					
38	Memphis, Tenn	482, 393	406, 034	369, 129	424, 718	11		
39	Memphis Milwaukee, Wls	7 975, 000	829, 495	396,000	436, 170	11		
40	Milwaukee Minneapolis-St. Paul, Minn	1, 116, 509	985, 101	7 711, 000	7 772, 600	10		
	Minneapolis St. Paul			521, 718 311, 349	593, 477 346, 267	11 11		
41	New Britain-Bristol, Conn New Britain	146, 983	123, 079	73, 726	84, 643	11		
42	New Haven, Conn	264, 622	244, 836					
43	New Haven New Orleans, La	685, 405	659, 768	164, 443	194, 114	11		
14	New York-Northeast New Jersey	12, 911, 994	12, 296, 117	570, 445	622, 288	10		
	New York-Northeast New Jersey New York City Flirabeth N. I.			7, 891, 957 112, 817	8, 201, 842	10 10		
	Elizabeth, N. J Jersey City, N. J Newark, N. J			299,017	116, 145 295, 954	20		
	Paterson, N. J. Yonkors, N. Y	' 		438, 776 139, 336	884, 801 161, 116 160, 293	11		
45	Norfolk-Portsmouth-Newport News,			159,798	: 40, 293	ę		
	Va. Norfolk.	594, 817	385, 111	213, 513	285, 666	13		
te.	Peoria, III	250, 512	154, 539		Ve			
17	Peoris Philadelphia, Fa. (N. J.,	6, 6, 1, 048	2, 322, 476	111, 856	146, 758	13		
	Philadelphia Camdon N. T	- 50		2,071,605 194 ESE	2, 466, 284 114 469	!!		
48		2, 213, 236	1, 532, 953	676, 806	1, 011, 618	1		

See footnotes at end of table.

Approved For Release 2003/07/29: ¢IA-RDP80B01676R001000030001-9

Refers to map entitled "Critical Target Areas and Target Areas in the U. S."

Includes the largest city in each of the 72 Critical Target Areas and all other cities of 90,000 population or more within the areas.

Normal maximum day population as estimated by the U. S. Bureau of the Census.

Not available.

Does not include data for Clayton County, On.

Locs not menue data for Henderson County, Ky.

Estimates as of Jan. 1, 1956.

ANNUAL REPORT, 1956 Approved For Release 2003/07/29: CIA-RDP80B01676R001000030001-9

Approved For Population of Target Areas ¹

Target area	Population (1950)	Target area	Population (1950)
Total, 123 areas	18, 910, 205	Lowell, Mass	133, 92 101, 04 135, 04 169, 35 88, 37 87, 30
Total, 125 areas		I I nhhock Tev	101, 04
gana City, Guam	1, 330	l Magon Ga	135,04
huguardua N. Mex	145, 673	Madison, Wis Manchester, N. H	109,00
	139, 514 87, 140 124, 403 132, 399 162, 013	Manchester, N. H. Mayaguez, P. R.	87.30
itoona, Pa	194 402		
sheville, N. C.	124, 403	Mobile Ala	231, 10
tiantie City, N.J.	162 013	Mobile, Ala. Montgomery, Ala. Montpelier, Vt. Muncie, Ind. Nashville, Tenn.	138, 96
ngusta, Ga. (6. O.)	83, 881	Montpelier, Vt	42,87
ugusta, Mante- ustin, Tex aton Rouge, La ay City, Mich eaumont-Port Arthur, Tex	83, 881 160, 980	Muncle, Ind	90, 2
aton Rouge, La	158, 236	Nashville, Tenn	321, 7
ay City, Mich	88, 461	Ogden, Utah	83, 3 325, 3
eaumont-Port Arthur, Tex	195, 083	Oklanoma City, Okla	44 85
	25, 673 70, 649	Omoho Nebr (Iowa)	366.36
	129, 428	Orlando, Fla	44, 88 366, 36 114, 9
rockton, Mass. arson City, Nov edar Rapids, Iowa barleston, S. C. harlotte, N. C. harlotte, N. C. harlotte, Manie, V. I. heyenne, W yo. loiumbia, S. C. loiumbia, G. A. loincord, N. H. lorpus Christi, Tex beeatur, Ill.	4, 172 104, 274 164, 856	Ogden, Utah. Oklahoma City, Okla. Olympia, Wash. Omaha, Nebr. (Iowa). Orlando, Fla. Pago Pago, American Samos. Phoenix, Arti. Flerre, S. Dak.	1, 5 331, 7
ader Renids Iowa	104, 274	Phoenix, Ariz	331,7
harleston, S. C.	164, 856	Pierre, S. Dak	8, 1 66, 5
harleston, W. Va	322, 072 197, 052	Pittsheld, Mass	126, 8
harlotte, N. C	197, 062	Postland Maine	119, 9
harlotte Amalie, V. I	11, 469 47, 662	Pueblo Colo	90, 1
heyenne, Wyo	142, 565	Racine Wis	109, 5
olumbia, S. C.	170, 541	Raleigh, N. C.	136, 4
oncord V H	63, 022	Richmond, Va	328, 0
lornus Christi, Tex	165, 471	Roanoke, Va	133, 4
Decatur, Ill	98, 853	Sacramento, Calif	277, 1 153, 5
		Pierre, S. Dak. Pittsfield, Mass. Pouce, P. R. Portland, Maine. Pueblo, Colo. Racine, Wis. Radeigh, N. C. Richmond, Va. Ramannetto, Calif. Saginaw, Mich. St. Joseph, Mo. Salem, Oreg.	96,8
Ooyer, Del	37,870	St. Joseph, Mo. Salem, Oreg. Salem, Oreg. Salt Lake City, Utah. San Angelo, Tex. San Antonio, Tex. San Bernardino - Riverside - Ontario,	101, 4 274, 8 58, 9
Jover, Del. Joubuque, Iowa Juluth, MinnSuperior, Wis Jurham, N. C. 1 Paso, Tex	37, 870 71, 337 252, 777 101, 639 194, 968 64, 202 25, 933 276, 515	Salt Lake City, Utah	274,8
Julita, Willia-Superior, Wis	101, 639	San Angelo, Tex	58, 9
Pi Poso Tet	194, 968	San Antonio, Tex	500, 4
Fort Smith, Ark	64, 202	San Bernardino - Riverside - Ontario,	451 0
	25, 933		
	276, 515	San Jose, Calif. San Juan-Rio Piedras, P. R. Santa Fe, N. Mex.	465, 7
ładsden, Ala	90,092	San Juan-Rio Fiedras, F. R.	38, 1
alveston, Tex	113,066 98,314	Savannah, Ga Scranton, Pa	151, 4
Jaiveston, Tex. Jreen Bay, Wis Freenville, S. C. Hamilton-Middletown, Ohio	168, 152	Scranton, Pa	257, 3
Jamilton-Middletown, Ohio	147, 203		
Jarrishurg. Pa.	292, 241	Slour City, Iows	103,9
Ielena, Mont	24, 540	Sioux Falls, S. Dak	221,
tamitton-Middetown, Ohio. Jarrisburg, Pa. Jelena, Mont. Jonolulu, T. H. Juntington, W. VaAshland, Ky. (Ohio). Jackson, Mish. Jackson, Mish. Jackson, Mish. Jackson, Mish. Jackson, Mish. Jackson Mish. Jackson Mish.	353, 020	Siour City, Iows Siour Falls, S. Dak Spokane, Wash Springfield, Ill	131
funtington, W. VaAshland, Ky.	945 705		
(Ohio)	245, 795 107, 925 142, 164	Springfield, Ohio Stamford-Norwalk, Conn	111,6
ackson, Mice	142, 164	Stamford-Norwalk, Conn	111, 6 196, 0
acksonville, Fla	304, 029	Stockton, Calif	200, 7
efferson City. Mo	35, 464	Tacoma, Wash	275,8
ohnstown Ps	291, 354	Stockton, Calif. Tacoma, Wash. Tallahassee, Fla. Tampa-St., Petersburg, Fla.	51, 8 409, 1
		Tampa-St. Petersourg, Fig.	105, 1
uneau, Alaska. Calamazoo, Mich. Cenosha, Wis. Ansing, Mich. Aredo, Tex.	126, 707	Terre Haute, Ind	105,
cenosna, Wis	75, 238 172, 941	Tucson, Artz	141,
ansing, Mich	56, 141	Tulsa, Okla	251,
		Waco, Tex	130,
forington KV		Waterloo, Iowa West Palm Beach, Fla	100,
Lima Ohio	88, 183	West Palm Beach, Fla	114,
Lincoln, Nebr Little Rock-North Little Rock, Ark	119,742	Wichita Falls, Tex Winston-Salem, N. C.	146
Little Rock-North Little Rock, Ark Lorain-Elyria, Ohio	196, 685 148, 162	W mistun-calem, N. C	

1 Critical target areas are not included.

ATTACK WARNING

Time required to disseminate an attack warning through the nationwide givil defense warning system was reduced to 8 minutes ouring
nscal year 1956. When FCDA was assigned the civilian attack
warning responsibility in 1952, it required about 20 minutes to notify
all key point centers of an alert.

Approved For Release 2003/07/29: CIA-RDP80B0 1676R001000030001-9

Command.

Lest the reduction in time now required to disseminate warnings be misleading, it should be emphasized that FCDA responsibility extends only through the Federal warning system—down to key point warning centers. Action beyond those points is the responsibility of State and local governments.

In operating the Federal part of the warning network, FCDA works in close cooperation with the Air Force, which triggers alert warnings.

FCDA has assigned attack warning officers to control centers of each of the 16 Air Defense Divisions in the United States. The FCDA officers disseminate warnings over the Civil Air Defense Warning (CADW) network. This network consists of full-period, private, 2-way telephone circuits that connect the 16 civil defense warning centers with nearly 200 civil defense key point warning centers located strategically throughout the United States. FCDA pays the full communications costs of the system to the key points; and this is the only completely Federal portion of the warning system.

From the key points, the system fans out to more than 3,500 subkey point centers in the United States, located in such places as local police and fire stations. These, and the local centers that control the public attack warning devices, such as sirens, horns, and whistles, are the State and local part of the warning net.

FCDA provides matching funds for the purchase or installation of warning and communications equipment to the States and localities, but not the operating expenses. FCDA also provides technical and operational guidance in its various publications.

Communication facilities used by States for their warning systems include State police radio, teletype, telephone, and special systems such as bell-and-light (telephone), and tone generators (radio).

There are two public action signals: the "alert" signal, which may mean evacuation in certain areas and mobilization in others; and the "take cover" signal, which means that the public should take the best shelter available immediately.

Staffing to provide 24-hour coverage at FCDA warning centers by attack warning officers was about 85 percent complete at the end of the fiscal year.

In the last half of the fiscal year, a study was made of the effect of the new Air Force SAGE (Semi-Automatic Ground Environment) warning system on the civil air defense warning system. As a result, preliminary plans were made for relocation of FCDA warning centers, and tentative revisions outlined for attack warning procedures. To keep FCDA abreast of new developments in the SAGE system, an FCDA liaison officer was assigned to work with the SAGE staff at Lincoln Laboratoria, Lexington, Mass., and with representatives

An FCDA National Warning Control System (NAWAC), completed in May 1956, will provide a medium for fast exchange of tactical information between FCDA National Headquarters and alternate

headquarters, regional offices, and air defense warning centers. By providing warning control, NAWAC will increase materially the operational efficiency of the FCDA attack warning system.

Civil Defense Key Points

Map refer- ence No.1	State	City	Map refer- ence No. 1	State	City
	9th Air Di	vision		26th Air Division	-Continued
1 2 3 4 5 6 7 8	Idaho	Boise. Coeur D'Alene. Pendleton. Colfax. Coulee. Passo. Spokane. Wenatchee. Yakima.	13 14 15 16 17 18 20 21 22 22 23 24 25 26 27	New York	Albany, Binghamton. Hawthorne. Mimeola. Newburgh. New York City. Schenectady. Troy. Allentown. Harrisburg. Lancaster.
	20th Air D	ivision	24 25 25		Philadelphia. Reading. Scranton.
1 2 3 4	Illinois	East St. Louis. Peoria. Rock Island. Springfield	27 28 29	Rhode Island	Wilkes-Barre. Williamsport. Providence.
5 6 7	Iowa	Springfield. Cedar Rapids. Council Bluffs. Davenport.		27th Air L	Hivision . !:
8 9 10 11 12 13 14 15 16	Kansas	Des Moines. Sioux City. Waterloo. Topeka. Wichita. Jefferson City. Kansas City. St. Louis. Lincoln. Omaha.	1 2 3 4 5 6 7	ArizonaCalifornia	Kingman. Bakersfield. El Centro. Los Angeles. San Bernardino. San Diego. Santa Barbara.
	25th Air D	rivision	- -	California	Fresno.
1 2 3 4 5 6	Oregon	Eugene. Medford. Portland. Salem. The Dalles. Everett.	2 3 4 5 6 7	Nevada	Oakland. Redding, Sacramento. Salinas. Ukiah. Reno.
7 8 9	Washington.	Olympia. Port Angeles. Renton.		29th Air 1	1
	26th Att L	rivision	- 1 2 3 4 5	Montana North Dakota South Dakota Wyoming.	Bismarck. Figure. Rapid City.
1 2 3 4	Connecticut	Bethany. Colchester Hartford. Ridgefield.		39th Air)	
5 6 7 8 9	Delaware Massachusetts	Boston. Brockton. Northampton. Worcester.	(3)	Michigan	Bay City.
10 11 12	New Jerseye footnotes at end	Morristown. Trenton.	Ą	proved For	Release 2003

ANNUAL REPORTAPPROVED FOR Release 2003/07/29 CIA-RDP80B01676R00100003000TES ADMINISTRATION

Civil Defense Key Points-Continued

Map refer- ence No.1	State	City	Map refer- ence No. 1	State	City
	80th Air Division	-Continued	1	35th Air L	wision
7 8 9 10 11 12	Michigan New York	Paw Paw. Port Huron. Rockford. Buffalo. Nisgara Falls. Rockester	1 2 3 4 5	Alabama	Birmingham. Gadsden. Mobile Montgomery, Jacksonville. Mjami.
13 14 15 16	Ohio	Cleveland.	7 8 9	Georgia	Tallahassee. Tampa. Atlanta. Sayannah
17 18 19	Pennsylvania	Findlay. Toledo. Youngstown. Altoona. Butler. Erie.	11 12 13 14	Louisiana	Baton Rouge. New Orleans. Jackson. Columbia.
20 21 22 23 24	6	Greensburg. Pittsburgh. Punxsutawney.		87th Air L	tivision
25 26	West Virginia	Washington. Wheeling.	1 2 3	Illinois	Chicago. Jeliet.
1	31st Air I	Brainerd.	- 4 5 6 7	Indiana	Park Forest. Rockford. Crown Point. Marquette. Sault Ste. Marie. Traverse City.
2 3 4 5	North Dakata	Duluth. Minneapolis. Rochester. St. Paul.	9 10	Wisconsin	Appleton. La Crosse. Madison. Milwaukee.
8	North Dakota Wisconsin	Eau Claire. Superior.	12 13 14		Stevens Point. Wausau.
	32d Air I	Pivision	4	· 58th Air I	Pirio i n
1 2 3 4 5	New Hampshire	Augusta. Bangor. Houlton. Portland. Concord. Littleton.	1 2 3 4 5	Illinois Indiana	Urbana. Evansville. Indianapolis. Lafayette. Muncie. New Albany. Torre Haute.
7 8 9 10 11	New York	Syracuse.	6 8 9 10 11 11	Kentucky Ohio	Frankfort.
	33d Air 1	Division	13 14 15	Tennessee	Arlington. Chattanooga. Knoxville.
1 2 3 4 5 6	Arkansas Louisiana Oklahoma Texas	Bossier City. Oklahoma City. Tulsa.	16 17 18 19	West Virginia	Nashville. Charleston. Clarksburg. Parkersburg.
6 7 8	Texas	Austin. Boerne. Houston.		85th Air 1	Division
	54th Air I	Dirt ion	(²)	District of Columbia	WASHINGTON Baltimore.
1 777		Man aria	3 4 7	North Carollas	Hagerstown, Sulfsbury, Raleigh Norfolk, Richmond
5	Ctah	Salt Lake City.	8	West Virginia	

07/29 : CIA-RDP80B01676R001000030001-9

Warning Systems of Representational Fortresease 2003/07/29: CIA-RDP80B01676R001000

The problem of adequate systems to warn city dwellers of an impending attack has been a major concern of civil defense from the inception of the program. States and cities have been encouraged to procure and install the necessary warning devices, with the Federal Government providing half of the funds under the Federal contributions program. Through June 30, 1956, a total of \$7,601,837 in Federal Funds had been obligated for the attack-warning programs of States and localities.

Of 261 principal cities in Target Areas and Critical Target Areas, 165 or 63 percent had good outdoor warning systems as of June 30. The remaining cities had varying degrees of warning efficiency with the systems in 22 cities regarded as completely imadequate. The 261 cities include all cities of 50,000 in the United States, Territories, and possessions.

Although satisfactory outdoor warning devices may be installed, there is still the problem of how to warn people in homes and other buildings from which the outdoor devices may not be heard. Under contract with FCDA, certain research organizations are engaged in studying and developing successful internal warning systems which can utilize existing power distributing or telephone facilities.

RADIOACTIVE FALLOUT FORECAST PROGRAM

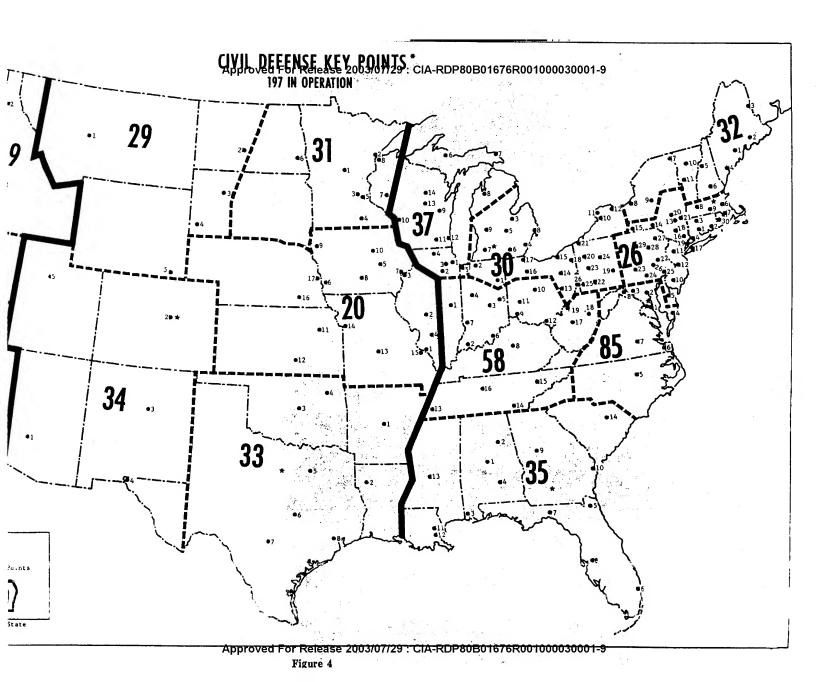
The need for defensive measures against possible radioactive fallout from nuclear explosions led to the establishment of a fallout forecast program by the United States Weather Bureau in June 1955. The program resulted from a civil defense delegation by FCDA to the Department of Commerce.

The initial program provided data for fallout patterns around the Nation's 72 Critical Target Areas. The program was expanded in February 1956 to cover the entire Nation, Alaska, and Hawaii.

The system is based on observations of wind direction and velocity taken twice daily at 52 Rawin Observatories (Radio or Radar Wind Direction Finding Observatories) scattered over the country as shown on the list, United States Weather Bureau Rawin Observatories, and map (fig. 5). Each station sends balloon-borne radio transmitters, called rawinsondes, as high as 100,000 feet to obtain readings on atmospheric pressure, temperature, and humidity. Data on wind speed and direction at various levels are obtained by radar tracking of the balloons.

LEGEND 17 (Face p. 20) mber refers to Civil Defense Key Points listed on following pages CIVIL DEFENSI AREAS Key Points are staffed entirely by State

Approved For Release 2003/07/29: CIA-RDP80B01676R001900090001-9



The number of Rawin Observatories was scheduled to be increased from 52 to 68 for fallout forecast purposes on September 1, 1956. Arrangements also were in progress during the fiscal year for obtaining twice daily forecasts from eight locations in southern Canada.

U. S. Weather Bureau Rawin Observatories

0, 2.					
Region and State	City	Call letters	Region and State	City	Call letters
Region 1 Maine	Albany Buffalo New York	WEC FFO PHL PIT NGU GUN TPA AHN GSP CHS	Region 5—Con. New Mexico. Oklahoma. Texas. Region 6 Colorado. Kansas. Minnesota. Nebraska. Norbaska. Norbaska. South Dakota. South Dakota. Wyoming.	Rapid City	LRY DDC TOP INL STC OFF BIS RAP
Region 4 Illinois Michigan Missouri Wisconsin Region 5 Arkansas Louisiana		CBI GRB LIT BRJ LCH	Arizona	Oakland San Diego Bolse Great Falls Las Vegas Medford Salem Salt Lake City	LGB OAK SDU BOI GTF LAS MFR SLE HIF NEJ

Source: U. S. Weather Bureau.

The twice daily reports from the Rawin Observatories are transmitted over the United States Government Teletype Service "C" to the 222 Weather Bureau offices listed. Civil Defense officials in any locality can obtain readings by calling the Weather Bureau Office in the respective area and, with the technical instructions available, can construct fallout plots for any specified area.

FCDA has advised State and local civil defense offices to obtain the twice daily coded messages covering the area within 500 miles of their respective borders—within 1,000 miles in the winter—and to develop the ability to decode these messages and construct fallout plots. With training, a complete plot can be constructed in less than 5 minutes.

Lubbock

Midband

Port Arthur

San Antonio

Wichita Falls

San Angelo

ANNUAL REPORT,

```
Region 4-Continued
                                                                 Region 6
Indiana:
                                                Colorado:
                                                     Denver
Grand Junction
     Evansville
     Fort Wayne
     Indianapolis
                                                     Pueblo
     South Bend
                                                     Burlington
Des Moines
Michigan:
     Alpena
Battle Creek
                                                     Dubuque
Sioux City
Waterloo
     Detroit
     Escanaba
                                                Kansas:
Concordia
     Flint.
     Grand Rapids
     Lansing
                                                     Dodge City
     Marquette
Muskegon
                                                     Goodland
                                                     Wichita
     Sault Ste. Marie
Missouri:
                                                Minnesota:
     Columbia
                                                     Duluth
     Kansas City
Springfield
                                                     International Falls
Minneapolis
     St. Louis
                                                     Rochester
                                                     St. Cloud
Wisconsin:
                                                Nebraska:
Grand Island
     Green Bay
LaCrosse
                                                     Lincoln
     Madison
     Milwaukee
                                                     Norfolk
                                                     North Platte
                                                     Omaha
                Region 5
                                                     Scottsbluff
Arkansas:
                                                     Valentine
    Fort Smith
Little Rock
                                                North Dakota
                                                     Bismarck
Louisiana:
     Baton Rouge
                                                     Fargo
                                                     Williston
     Burrwood
     Lake Charles
New Orleans
                                                South Dakota:
                                                     Rapid City
Shreveport
New Mexico:
                                                     Sioux Falls
     Albuquerque
                                                Wyoming:
     Roswell
                                                     Cheyenne
Oklahoma:
    Oklahoma City
Tulsa
                                                     Lander
                                                     Sheridan
Texas:
     Abilene
                                                                Region 7
     Amarillo
                                                Arizona:
     Austin
                                                     Phoenix
    Brownsville
Corpus Christi
                                                     Prescott
                                                     Tucson
    Dallas
Del Rio
                                                     Yuma
     Denton
                                                California:
                                                     Bakersfield
     Fort Worth
                                                     Burbank
    Galveston
Houston
                                                     Eureka
     Laredo
                                                     Los Angeles
```

Oakland

l'omona

Red Bloff

San Diego

San Francisco

Region 7—Continued Region 7-Continued Idaho: Oregon Roise Astoria Lewiston Eugene Medford Pocatello Montana: Pendleton Billings Portland Roseburg Glasgow

Great Falls Havre Missoula Nevada: Elko Ely Las Vegas Reno Winnemucca

REGION AND STATE

Salem Utah: Salt Lake City Washington: Olympia Seattle Spokane Walla Walla Yakima

REGION AND STATE

SURVIVAL PLAN PROGRAM

Twenty-six contracts for developing State and local civil defense operational plans for survival from enemy attack were signed during fiscal year 1956. The contracts covered Critical Target and support areas representing 71.6 percent of the population of the United States.

States and cities participating in the program, financed wholly by Federal funds appropriated to FCDA, were: New York City, Baltimore, Philadelphia, Chicago, Kansas City, Mo., St. Louis, Baton Rouge-Shreveport-Lake Charles, La., New Orleans, Houston, Denver, Minneapolis-St. Paul, Omaha-Lincoln-Council Bluffs, Nebr., Connecticut, Maine, Massachusetts, Rhode Island, District of Columbia, Ohio, Alabama, Florida, North Carolina, Tennessee, Arkansas, Oklahoma, California, and Washington. Generally, contracts signed with these States and cities covered initial stages of the program.

The FCDA survival plan program was started in July 1955, when the 84th Congress made a \$10,000,000 supplemental appropriation available to the agency. Of that amount, \$8,300,000 was allocated to finance survival plan contracts to meet specific survival problems in the various States and cities.

The contracts require that the studies be comprehensive, and include a complete analysis of area population, command and control problems, movement capabilities of traffic and people, shelter availability, reception and care of evacuees, essential resources, and ways and means of educating and informing the public

In addition to the survival studies, pilot studies on specific problems were conducted in several areas to provide information and techniques Application Release 2003/07/29 : CIA-RDP80B01676R001000030001-9

The National Opinion Research Center started a study in Milwaukee aimed at improving techniques of disseminating civil defense information through mass media. The Chicago Research Department of the American Machine & Foundry Co. and Wilbur Smith & Associates conducted studies of resources and shelter requirements against nuclear weapons. A study of road construction needed for civil defense is being made by the United States Department of Commerce. A command and control and training requirements study of Milwaukee was made by John Diebold & Associates, Inc., to determine political jurisdiction, continuity of government, and internal alerting and communications problems.

Federal agencies other than the FCDA have been allocated funds by FCDA to carry out the civil defense program in their fields, and part of this money has been assigned for work under the survival plan program. The agencies that have received funds are: Departments of Agriculture; Commerce; Health, Education, and Welfare; Interior; Justice; Labor; and the Housing and Home Finance Agency.

The FCDA survival projects office published two manuals to assist States and their political subdivisions in developing survival plans. The Survival Plan Manual, M27-1, and the Survival Plan Workbook, M27-2, define the seven principal survey projects that must be included in the plan. Two technical reports, TR-27-4, Operation Exit, a report on the evacuation test exercise in South Bend, Ind., and TR-27-5, Operation Green Light, a report based on the evacuation test exercise in Portland, Oreg., were published during the fiscal vear.

State and Local Survival Plan Contracts

Contractor	Date	Federal	l funds	
	approved	Approved	Advanced	
Total		\$1, 542, 665	\$1, 098, 800	
Region I:				
Connecticut	3/27/56	30, 000	30, 000	
Maine	3/20/56	20,000	20, 000	
Massachusetts	4/6/56	25, 000	25, 000	
New York, N. Y	12/17/55	108, 200	108, 200	
Rhode Island	2/29/56	23, 500	23, 500	
Region II:				
District of Columbia	10/31/55	12, 000	12, 000	
Baltimore, Md	2/6/56	42, 500	42, 500	
Ohio	3/20/56	209, 900	209, 900	
Philadelphia, Pa	3/26/56	50, 000	50, 000	
Region III:				
Alabama	4/30/56	23, 750	23, 750	
Florida	2/28/56	8, 500	8, 500	
North Carolina	6/4/56	22, 700	22, 700	
Tennessee	4/30/56	37, 175	37, 175	
Region IV:				
Chicago, Ill	1/19/56	49, 000	49, 000	
Kansas City, Mo	5/3/56	25, 465	25, 465	
St. Louis, Mo	2/8/56	41, 580	41, 580	
Region V:				
Arkansas	3/9/56	10, 475	10, 475	
Baton Rouge - Shreveport - Lake				
Charles, La	2/7/56	15,000	15, 000	
New Orleans, La	11/3/55	25, 500	25, 500	
Oklahoma	1/10/56	10, 090	10, 090	
Houston, Tex	11/18/55	192, 257	48, 064	
Region VI:				
Denver, Colo	2/9/56	24, 400	24, 400	
Minneapolis-St. Paul, Minn	3/9/56	20, 731	20, 731	
Omaha - Lincoln - Council Bluffs				
(Iowa), Nebr	2/29/56	17, 270	17, 270	
Region VII:				
California	3/16/56	198, 000	198, 000	
Washington	6/15/56	67, 672		

URBAN ANALYSIS STUDIES

To develop effective local operational plans for civil defense in the event of enemy attack, FCDA, prior to the advent of the survival plan studies, provided guidance and encouraged important target areas to make thorough analyses of items such as the most probable target area, probable damage and casualties, population distribution, industrial installations, communications, transportation systems, evacuation routes, power and water facilities, medical resources, hospitals, schools, jails, zoos, fire-fighting plans, potential assembly areas, feeding and welfare facilities, topography, prevailing winds, possible shelters, and many other items. These are necessarily complex projects requiring the services and contributions of a large number of people having specific knowledge in the many fields.

A total of 46 areas has undertaken such analyses. As shown below, 12 of the reports have been completed and released. The other 34 are in various stages of completion; 15 are still in the collection-ofdata stage; the data are being analyzed in 10 cases; 7 are at the reportpreparation stage; and 2-Toledo, Ohio, and Wichita, Kansas,-were reviewing and editing the reports prior to release.

Studies in Process

Collection	Ωf	data

Atlanta, Ga. Dallas, Tex. Fall River, Mass. Flint, Mich.

Kansas City, Mo.-Kansas City,

Kans. Los Angeles, Calif. Mobile, Ala.

Oakland, Calif. Ogden, Utah Portland, Oreg.

South Bend, Ind. Sheboygan, Wis. Topeka, Kans.

Tulsa, Okla. Waco, Tex.

Analysis of data

Cleveland, Ohio Detroit, Mich. Philadelphia, Pa.

Analysis of data-Continued Rochester, N. Y. Hampton-Newport News, Va. Jersey City, N. J. Norfolk-Portsmouth, Va. Seattle, Wash. Shreveport, La. Springfield, Mass.

Preparation of report Akron, Ohio Denver, Colo. Fort Worth, Tex.

Lynn, Mass. Wilmington, Del. Worcester, Mass. Youngstown, Ohio

Review and editing of report

Toledo, Ohio Wichita, Kans.

NOTE .- All of the above cities are in Critical Target Areas except Mobile, Ala.; Ogden, Utah; Topeka, Kans.; Waco, Tex.; Tulsa, Okla.; Shreveport, La.; and Sheboygan, Wis.

Reports Released

City	Month released
San Francisco, Calif Baltimore, Md Washington, D. C. U. S. Capitol—Supreme Court and Congressional Buildings. Dayton, Ohio. Boston, Mass. New Orleans, La. St. Louis, Mo Milwaukee, Wis. Houston, Tex. Grand Kapids. Mich	March 1951 June 1951 October 1951 November 1951 February 1953 November 1953 February 1954 July 1954 July 1954 June 1955

FEDERAL CIVIL DEFENSE ADMINISTRATION RESEARCH AND DEVELOPMENT

FCDA is authorized by the Federal Civil Defense Act of 1950 to conduct research and to study and develop civil defense measures designed to protect life and property. Little research is done directly by the FCDA staff. Most of it is carried on as specific research projects under contract with various universities and specialized research organizations. These projects cover a variety of fields such as the testing of materials, weapons effects, development of damage assessment techniques, development of shelters, studies of Natural disaster problems, fire-fighting techniques, population movements, and public opinion surveys.

During fiscal year 1956 the funds obligated by FCDA for these research projects totalled \$1,996,451. A list and brief description of the projects in process as of June 30, 1956, follows.

Projects in Process

	1	1	
Starting date	Project and contractor	Scheduled comple- tion date	FCI)A funds obligated fiscal year 1956
1954	Scientific Advisory Committee.—Established at request of FCDA by the National Academy of Sciences in 1864, this committee, supported by FCDA funds on a continuing basis to advise on a variety of scientific and technical problems. Its members are leading scientists in a variety of fields who serve without pay.	continued	\$40,000
April 1952	Chemical Warfare Defense—Chemical Corps, Department of Army Contract.—Development and testing of infant protector and civilian type protective masks.	do	87, 500
August 1953	Girl Defense Atomic Test Programs.—Parts 2 and 3—Development and execution of a continuing atomic test program as related to civil defense requirements, including observer participation, civil defense trainep participation, and technical tests. Operation Cue, a part of the AEC test series in Newada in the spring of 1985, was a result of this program. Plans are now being prepared for Part 3 sometime in 1967.	do	0
June 1954	Damage Assessment and Reporting—Stanford Re- search Institute.—A program to develop imme- diate and specific information on attack damage to population, housing and other facilities, and recources. Emphasis is being placed on mechan- ization of fallout analysis, development of a com- putation system for evacuation smalysis, and compliation of various data required. Develop- ment of computations for bomb damage has been completed. When prefected the system will be important for national planning, postattack operations, and war games.	do,	200,000
Tune 1963	Disaster Studies—Committee on Disaster Studies. Autonal Research Council.—Part 1—Field investigations of current peacetime disasters to develop information useful to civil defense in both peacetime and wartised classet situations.	do .	n
September 1465 ¹	New England Insuste Study—fureau of Applied to the Visignand Insuste Study—fureau of Applied to the Study Free Insustance of Applied to Study Free Insustance of the Committee of the Study Free Insustance of the National Research Council, relates to large-scale evacuation in the New England area, necessitated by the flood situation and with the problems arising from tamporary housing and care, and doubling up with relatives	Tuly 1946 .	12 (v-n

Approved For Release 2003/07/29 : CIA-RDP80B01676R001000030001-9

Starting date	Project and contractor	Scheduled completion date	FCDA funds obligated fiscal year 1956
November 1955	Sciences.—The functions of this committee are to explore all means and methods for the prevention, extinguishing, and control of large-scale fires. Emphasis is on new and novel procedures and with the behavior of the control of the	continued	30, 000
Do	and alcustons with the objective of recommend- ing a basic research program in this field for im- climation by FODA. Commence—A compre- bensive dimensical study of fallout probe- bensive dimensical study of fallout probe- bensive dimensical study of fallout probe- bensive dimensical study of fallout prob- bilities. The purpose study of fallout prob- bilities in the purpose of the property of the planning evacuation studies survey is to aid in- planning evacuation studies survey as a survey to the purpose of the property of the property of the pro- tional plans. The final report will indicate sea- tional plans and the seating seat	August 1956	75, 000
;	Operational Communications System—Stenford Research Institute.—The objectives of this research are to provide an attack surveillance system to communicate information on such factors as location of ground rero, wespons size, and height of burst, to a computer center which will be an integral part of the damage assessment system. The first phase will concentrate on systems analysis, preliminary specifications for surveillance instrumentation, requirements for communications network, and establishing the cost of an operating system.	November 1956	300, 000
Do	Medical Research—National Academy of Sciences: a. Blood Research.—Funds for this project have been transferred to the Department of Defense to support a continuing contract relating to blood research, plasma, volume	Continued	15,000
December 1955	authorizes a project on the sterilization of blood plasma for the elimination of the	do	38, 125
January 1956	Public Attitude Survey—Survey Research Center of the University of Michigan.—A field survey to show current public thinking with regard to various civil defense topics. This will bring a 1954 study up to date.	December 1956	69,00
	Shelter Research—Ionizing Radiation—National Bureau of Standards, Department of Commerce.—One of the larger initial undertakings will be a study of the attenuation of nuclear radiation by structures.	Continued	16, 500
	Shelter Design—American Machine & Foundry Co.—Design of a 150-foot span reinforced-concrete dome-type shelter with the capacity to house about 3 000 persons for several days to longer	December 1956	35, 630
February 1956	Public Communications System — Audio-sound System—Dukane Corp. (1) Development of four prototype model transistor amplifiers for the wire line con- trol system for mobile, portable, and fixed applications. The objectives are to re-		89, 750
,	sure the weight and power supply re- mirement to simplify insulnctainer, to increase the life expectancy, to increase portability, and to reduce oost of civil defense public address units. Development of specifications for a light-		
	suitable to intuit aircrait. Also recom- mendations for quipinite sasse at va- development of speech techniques for best intelligibility; and development of		
1	situations.	d For Release	2003/07/20

Projects in Progress—Continued

Starting date	Project and contractor	Scheduled comple- tion date	FCD A funds obligated fiscal year 1956
February 1956	Public Communications System—Continued. (3) An engineering survey and application of wire line control system in Gary, Ind., using presently available and commercially produced sound equipment. To provide technical guidance to office and States relative to the installation of equipment presently available. Home Warning Devices: A. Superimposed Powerline Signal Systems:		
December 1955	 Powerline Harmonic System—Midwest Research Institute.—Research on a voltage reduction signal system to be used on electric power distribution systems. The original voltage dip method has been found to have tech- nical and practical difficulties. Fight 	October 1956	49,88
April 1956	different types of signals have been oxplored. The original scope of the contract has been revised and ex- tended, and present emphasis is on a harmonic voltage system.	do.	39, 55
	Foundation.—An overall study of powerline warming systems making use of superimposed signals over a wide range of frequencies. It will cover the general properties of warning systems and the generation and transmission of the warning signal. It will include comparative study of home warning devices presently developed or being considered, as well as the preliminary design of a warning system based on the optimum super-		ათ, იი
Do	3. Probleme 200 Cps. System—Interna- tional Business Machines Corp.— Development of an internal warning system for the purpose of generating and receiving a civil defense alert sig- nal. The contractor will furnish FCDA with receivers and necessary transmitting equipment for installa- tion	do	39, 28
May 1956	4. Hom-A-Lert System-Allis-Chalmers Co.—Development, production, and testing of so internal warning system including generating equipment, wave-trap equipment, and signal receivers to be installed and tested in Cincinnati.	September 1956	47, 27
Do	B. Telephone Signalling System—Armour Research Foundation.—Development of a warning system based on telephone system signalling. It will include an analysis of the switching techniques used by Bell and independent telephone companies, study of methods of communicating an aiarm to telephone system subscribers, and development of a prototype alarm system to be justalled in a typical	February 1957	24, 91
Pun, 1896	telephone central office. Prototype CONEILALD Met Receivers. Philos Corp.—Development of three prototype radioreceivers actuated by various sequences based on CONELRAD Alert procedures. The contract seeks to levelop a simple, low-cost alertal receiver to use by the pubme.	Colone, Itale	ازية إن

Approved For Release 2003/07/29: CIA-RDP80B01676R001000030001-9

Projects in Process—Continued

Starting date	Project and contractor	Scheduled comple- tion date	FCDA funds obligated fiscal year 1956
March 1956	Corp.—A study program of civil defense communications in that period between the warning and the delivery of the weap- ons with particular emphasis on the requirements of survival procedures.	March 1957	49, 145
	(1) A survey of alarm communications from and including the key points down to the citizen to be warned. Recommendations will be made for the design of an optimum alarm communications system based on economic, engineering, and political factors.	·	
	(2) An evaluation of the existing CON- ELRAD system with recommen- dations for improvement or better alternative procedures if CON- ELRAD is found inadeguate. (3) A survey of the entire civil defense		
	emmunications problem from the first alert down to the pub- lic, broadcasting of intelligence and instructions before and after attack, establishing and main- taining coordination between civil defense leaders and workers,		
A pril 1956	and communications among ci- vilians after an attack. B. Warning Study, by Specific States—Gautney & Jones Co.—A study of the effec- tiveness of the existing facilities from the Air Division through the key points down to the local level, to be conducted.	November 1956	33, 500
March 1956	in Maryland and Pennsylvania.	March 1957 but will continue.	591, 600
June 1956	tions systems; mass radiation injury diagnosis and treatment; and ingestion hazards. Public Education and Training: A. Local Civil Defense Organization Effectiveness—Political Science Department of the Michigan State University. A comparative study of types of civil defense organizations currently operative in States,	November 1956	33, 944
	cities, counties, and metropolitan target complexes. The following aspects will be analyzed: formal organization of the specific agency, its external relations with other organizations, its internal rela- tions, and its community relations. Training materials will be prepared,		
May 1956	jurisdictional problems will be pointed out, the factors associated with effective civil defense programs will be specified. B. Evaluation of Local Chil Defense Training Iffectionics—Applied Psychological Settings, Villancon, Pa.—Development of the means and instruments for the evaluation.		24. 984

FEDERAL CIVIL DEFENSE ADMINISTRATION ANNUAL REPORT 1956 Approved For Release 2003/07/29 : CIA-RDP80B01676R001000030001-9

Projects in Process—Continued

Starting date	Project and contractor	Scheduled completion date	FCDA funds obligated fiscal year 1956
June 1956	Public Education and Training—Continued. ing at various levels. For use byfall levels of civil defense organizations, — where the continued of the continued o	November 1956	39,000

NATURAL DISASTERS

Nearly \$22 million was allocated to the States as Federal assistance in 26 major natural disasters during fiscal year 1956. Since enactment of Public Law 875, on September 30, 1950, the Congress has appropriated more than \$84 million for Federal disaster assistance, and the President has authorized a net allocation of more than \$64 million in disaster funds. A total of \$34,500,000 was made available by the 84th Congress for disaster purposes.

In Executive Order 10427 dated January 16, 1953, the President conferred authority upon FCDA to direct and coordinate Federal assistance in major natural disasters as set forth in Public Law 875.

From the time responsibility for natural disaster operations was assigned to FCDA until the natural disaster office was established, operations were directed by a small staff that reported directly to the assistant administrator, operations control services.

After the northeast and west coast floods in the fall of 1955 and early 1956, it was recognized that additional staff was necessary. A separate disaster office therefore was established by the Administrator of FCDA.

Approval by FCDA Administrator Val Peterson of General Order 232, on February 16, 1956, established a natural disaster office at the National Headquarters of the Federal Civil Defense Administration, Battle Creek, Mich. The order also outlined the functions of the office in fulfilling the responsibility of FCDA for direction, coordination, and control of Federal assistance to State and local governments in areas of major natural disasters

The natural disaster office is headed by a director, who reports to the assistant administrator, operations control services, FCDA. A nucleus staff of disaster specialists is assigned permanently to the Office, and in natural disaster emergencies personnel from other

as the need requires, to assist the regular staff. General Order 232 states that, "The Natural Disaster Office will * * * provide technical advice and guidance on natural disaster operations to other Federal agencies, FCDA Regional Offices, local (including State) political subdivisions, and nongovernmental groups * * *." Detailed functions are then outlined.

offices and services of FCDA National Headquarters are called upon,

Specialists who may be assigned to natural disaster duty include those in the following fields: communications, meteorology, supply, transportation, audit, engineering, medical, welfare, industrial protection, safety, public information, planning, and law.

Since establishment of the office, much effort has been directed toward further simplifying procedures for setting Federal disaster assistance in motion-quickly, and without duplication of Federal effort.

Major Natural Disasters, Fiscal Year 1956

The two most damaging natural disasters during fiscal year 1956 were hurricane and floods that struck the east coast in August, 1955; and floods in California in December of 1955. Welfare needs were probably the highest in the history of the Nation. Industry and transportation were paralyzed; power and communications cut off; and thousands of persons were homeless and in want.

An indication of the scope of Federal disaster relief activities may be seen in the fact that Federal agencies involved in the floods of August 1955 included FCDA; the Department of Agriculture's Agricultural Marketing Service, and Farmers Home Administration; the Department of Commerce's Bureau of Public Roads, and Maritime Administration; the Army Corps of Engineers; the Department of Health, Education, and Welfare's Public Health Service, and Food and Drug Administration; the Housing and Home Finance Agency's Public Housing Administration, Federal Housing Administration, and Federal National Mortgage Association; the Department of Labor; the Small Business Administration; the Department of the Treasury, and the Department's Coast Guard, and the Internal Revenue Service; the Office of Defense Mobilization; and the General Services Administration.

In the floods in California in December 1955, FCDA set up Interagency Centers at strategic points in the disaster areas to coordinate Federal disaster relief Twenty-three Federal agencies and the American National Red Cross were represented at the Interagency Centers.

MAJOR NATURAL DISASTERS, FISCAL YEAR 1956

Date of declaration	Area	Nature of disaster	Presidential allocation
Aug. 13	North Carolina	Hurricane	\$3, 271, 000
15	New Mexico	Flood	120, 360
20	Pennsylvania	Hurricane and flood	1, 020, 000
20	Connecticut	dodo	1, 020, 000
20	Massachusetts	do	1, 020, 000
20	New Jersev	do	1 020 000
20	Rhode Island	do	1, 020, 000
20	South Carolina	Hurricane	408, 000
22	New York	Hurricane and flood	510 000
Dec. 22	Alaska	Severe hardship	25, 500
23	California	Flood	9, 735, 000
24	Nevada	do	378, 600
29	Oregon	do	1, 384, 000
Feb. 25	Washington	do	257 500
Mar. 15	Pennsylvania	do	51, 500
29	New York	do	51, 500
Apr. 5	Michigan	Tornado	139, 050
7	Oklahoma	. do	66 050
9	Tennessee	do	00, 500
18	Alabama	do	
21	Idaho	Threatened flood	206 000
24	North Carolina	Severe storm	206, 000
May 17	Ohio	Windstorm	200,000
21	Pennsylvania	Storm	1
une 12	Colorado	Flood	51 500
23	Missouri	Water shortage	
To	tal	·	127 410 205

The natural disaster office organized and distributed to the field an interim administrative manual that details the types of Federal assistance available to State and local governments in time of major natural disaster; the manner in which to secure such assistance; rules, regulations, and procedures of FCDA governing the assistance available; and other pertinent information. The manual was prepared in loose-leaf form for easy revision.

Technical personnel of the natural disaster office and instructors of the FCDA Staff College cooperated in developing a 5-day course to inform and train persons regarding Federal assistance available in time of natural disaster. One 3-day course for selected FCDA personnel was given at the National Headquarters of the Federal Civil Defense Administration, at Battle Creek, Mich., in June. The expanded 5-day course will be presented to the public for the first time in November 1956.

A report was prepared during the fiscal year by the Natural Disaster Office for use by FCDA Administrator Val Peterson in support of proposed Federal legislation to provide flood insurance. The 84th

OUTSIDE CONTINENTAL U.

FIGURE 6.-- CIVIL DEFENSE FORCES AUTHORIZED BY STATE LAW TO COMBAT NATURAL DISASTERS Congress later enacted Public Law 1016, known as the Federal Flood Insurance Act of 1956. Besides providing protection from flood loss, the law requires a study and report on insurance needs against other natural disaster perils.

State Authorization for Civil Defense Action in Natural Disasters

During the fiscal year, FCDA continued to recommend that State civil defense agencies be given the authority to coordinate natural disaster activities within a State. The goal has nearly been reached. Most States have already taken such action; others have set up separate authority for enemy-caused and natural disasters; and still others have emergency authority vested in an existing government department.

The map (fig. 6) shows the States in which civil defense forces are authorized by State law to take action in natural disasters. By the end of the fiscal year, 39 States, the District of Columbia, and five Territories or possessions had enacted legislation authorizing civil defense forces to act in time of natural disaster. Of the nine remaining States, such legislation was pending in Delaware, Missouri, Tennessee, and Vermont.

Work in natural disasters has provided excellent training for civil defense personnel in leadership, organization, and use of technical skills. And on the other hand, civil defense organization and training has increased the capability of personnel to give effective assistance in natural disasters.

DELEGATIONS PROGRAM

The Federal Civil Defense Act of 1950 authorizes the FCDA Administrator to "delegate, with the approval of the President, to the several departments and agencies of the Federal Government appropriate civil defense responsibilities, and review and coordinate the civil defense activities of the departments and agencies with each other and with the activities of the States and neighboring countries." Under this authority the Administrator has issued four delegations, as follows:

Delegation No. 1, approved by the President July 14, 1954, delegated to the Secretary of Health, Education, and Welfare 10 specific luties dealing principally with health and welfare problems under attack conditions, development of anyt defense training materials for incorporation in the curricula of schools and colleges, and the development of shelter and protective measures for educational institutions,

Approved For Release 2003/07/29: CIA-REPROBM676R90100003000169

Approved For Release 2003/07/29 Delegation No. 2, approved September 8, 1954, assigned duties to several agencies:

To the Secretary of Agriculture were delegated three responsibilities dealing with control or eradication of diseases, pests, or chemicals used in biological or chemical warfare against animals or crops, the planning of emergency food supplies, and the prevention and control of fires caused by enemy attack in rural areas.

To the Secretary of Commerce were delegated responsibilities for designation of civil defense emergency highways, coordination of interstate and State civil defense highway systems, emergency clearance and restoration of highways, streets, and bridges in damaged areas, traffic control problems during an emergency, and the provision of data and assistance to the States in analyzing potential target and support areas.

To the Secretary of Labor were delegated responsibilities for planning emergency use of the labor force, estimating survivors by occupational and social characteristics, coordination of the nationwide employment service offices for determining manpower requirements and for recruiting purposes, developing methods of compensation for authorized workers in an emergency, the provision of compensation payments for the injury or death of authorized workers during an emergency, and a plan for provision of temporary aid to workers during periods of idleness resulting from enemy action.

The Attorney General was given a delegation for guiding the States in the protection of penal institutions and the control and utilization of prisoners and facilities during an emergency.

To the Housing and Home Finance Administrator were delegated responsibilities for developing protective standards for new housing and temporary shelter in existing housing, provision of temporary emergency housing in support of attacked areas, and plans for the emergency restoration of housing and community facilities coming under the agency's jurisdiction.

Delegation No. 3, approved August 13, 1955, gave further responsibilities to the Secretary of Commerce, namely, the planning of needed highway improvements to meet civil defense requirements, and the development and current issuance of improved forecasts of radiological fallout patterns. This delegation also gave to the Secretary of the Interior the task of planning and providing adequate fuel supplies to attacked areas and reception centers.

Delegation No. 4, approved by the President November 22, 1955, gave to the Secretary of the Interior the responsibility for emergency restoration of electric utility service to attacked areas and the provision of adequate electric utility service to support areas.

As of June 30, 1956, most of the agencies had made progress toward carrying out their delegated responsibilities, but progress was limited in some cases due to the lack of funds.

The delegate agencies obligated a total of \$1,478,680 for these civil defense programs in fiscal year 1956. The agencies requested a total of \$6,656,000 for these functions in fiscal year 1957 and Congress appropriated \$4,000,000. Funds available for fiscal year 1957 were allocated to the various agencies as shown in the table, Civil Defense Funds of Delegate Agencies.

Program Progress

Agency	Delegation	Progress
DEPARTMENT OF AGRICULTURE	Agricultural	Research Service
	1	neseurch Serrice
	Plan a national program and direct Federal activities concerned with re- search, diagnosis, strengthening of defen- sive barriers, and control or eraclication of diseases, pests, or chemicals introduced as agents of biological or chemical war- fare against animals and crops.	A series of 2-day meetings were held it various States with veterinarians. But stock sanitary officials, college veterinar faculties and others on the recognition and handling of foreign animal disease including emergency plans for copin with outbreaks. A total of 107 regional meetings have been held on disease problems and controprograms. Work is progressing on developing new diagnostic techniques and improvin performance and control procedures.
	Agricultural Marketing Service as	nd Commodity Stabilization Service
	Plan and direct Federal activities, and provide technical guidance to States, in connection with an overall food program almed at maintaining adequate emergency food supplies for attack or support areas.	A guidebook for food processing and distributing establishments presenting factors for reducing vulnerability of in dustrial food plants has been developed and is being distributed for commen to trade associations and other industry representatives. A proposed set of guidelines for determining food and food facility resources in reception areas is being developed. A draft of an order prescribing the general rules of a good priority system has been developed and is being reviewed. Development of a course in radiological training for inspection personnel to assist in identifying radioactive foods and processing equipment is being studied. Emergency processing storage and distribution methods are being studied.
	Forest.	Service
	Plan a national program, direct Federal activities, and provide technical guidance to States concerned with the	State committees for Rural Fire De- fense planning have been established, assignments have been made, and the

Program Progress—Continued

Agency	Delegation	Progress
EPARTMENT OF COMMERCE	Payment of 1	ublic Roads
	Provide advice and guidance to State highway departments in the designation of State civil defense emergency highway routes. Coordinate interstate and State designated civil defense highway systems to nessure uniformity of designation for civil defense emergency purposes. Plan a national program; develop technical guidance for States, and direct Fedral addivities conscrining emergency clearance and restoration of highways, streets, and bridges in damaged stance to States concerning highway traffic control problems which may be created during a civil defense emergency. Determine and evaluate, with the cooperation of the States, counties, and exities, and assist in the planning needs for highway improvement to meet civil defense requirements.	A revised draft of the preliminary report on civil defense highway needs he been completed and is being reviewed. A standard design for evacuation rout signs was recommended. A manual has been prepared discussin techniques to be used in evacuation plan ning and full utilization of highway sytems in an emergency. Official civil defense program assistant has been established in the Commission of soffice. A conference has been held for orient tion and instruction required to determine the highway needs for evacuation
	Prepare an analysis of past data, conduct research, and develop techniques and capabilities leading to improved forecasts of radiological fallout patterns. Prepare and issue currently, as well as in an emergency, forecasts and estimates of areas likely to be covered by failout as a result of enemy attack. Such information is to be made available to Federal, State, and local civil defense authorities for public information.	Since June 1955 coded fallout message have been transmitted twice daily of teletypewriter circuits. When decode and plotted, these yield failout billeting for 52 locations covering the entire cour messages being available to all require officials and industrial groups. It is all the first to that local ciril defense personn could decode the forecasts with accuracy Arrangements have been conclude with the Canadian Government to privide the same information in twice dail offorecasts from eight locations in souther Canada. Honolulu and Alaska also rour daily fallout forecasts. Work continued on the establishmer of a fallout standard. Tabulation an analysis of data has been complete Working by trajectories of particles from the survey was conducted by the Weat Bureau Central Office to determine it use being made of the fallout message Tabulated results have been given to the survey was conducted by the Weat Bureau Central Office to determine the survey was conducted by the Weat Bureau Central Office to determine the survey was conducted by the Weat Bureau Central Office to determine the survey was conducted by the Weat Bureau Central Office to determine the survey was conducted by the Weat Bureau Central Office to determine the survey was conducted by the Weat Bureau Central Office to determine the survey was conducted by the Weat Bureau Central Office to determine the survey was conducted by the Weat Bureau Central Office to determine the survey was conducted by the Weat Bureau Central Office to determine the survey was conducted by the Weat Bureau Central Office to determine the survey was conducted by the Weat Bureau Central Office to determine the survey was conducted by the Weat Bureau Central Office to determine the survey was conducted by the Weat Bureau Central Office to determine the survey was conducted by the Weat Bureau Central Office to determine the survey was conducted by the Weat Bureau Central Office to determine the survey was conducted by the Weat Bureau Central Office to determine the survey w

Area Development

Previde date and osciet the States in the Indian provided and the Indian provided and Indian provided Indian provided Indian provided Indian provided Indian India

ANNUAL REPORT Approved For Release 2003/07/29: CIA-RDP80B01676R001000030001-9 **Program Progress—Continued**

Agency

Delegation

Plan a national program, develop technical guidance for States, and direct Federal activities concerned with innarcial assistance for the temporary relief or aid of civilians injured or in want as the result of attack. Plan, program, and develop technical guidance for the States and direct Federal activities concerned with the acquisition, transportation, and payment for clothing of civilians in want as a result of the state of t	Project A reportion on is being Data develor ment si Ten experts to PHS ipal wa and nai Train civil de vania, Massac ington, A coo Public fense" v tory pee Staff courses,
from support areas to those damaged by enemy attack. Plan, develop, and distribute through appropriate channels, training materials for incorporation in the curricula of echools and colleges throughout the training in all possible courses, and the teaching, in all possible courses, and the teaching, in all possible courses, and the teaching, in all possible course, and the teaching in all possible course, and the teaching in all possible courses. The following control of the teaching in a control of the teaching in the course of the teaching in the course of the teaching in the course of the cours	purpose various The Reserve was 2,22 Fifty attende on "Pu Emerge A col Defense tation clans. Three
and other protective measures designed to minimize injury to personnel and reduced damage to vital components of educational institutions and hospitals and of water, sewer, and other public health facilities. Plan a national program, develop technical guidance for States, and direct Federal activities concerned with the emergency restoration of community facilities essential to health or functional components thereof for which the Public Health Service normally has regular operating programs.	given of signed with the signed with the signed of the signed in the signed in the signed also given the signed deans of the signed in the signed signed in the signed signed in the signed sig
Flan a national program, conduct research, develop technical guidance for States, and direct Federal activities designed to meet the extraordinary needs for food and drug inspection and control in attacked areas. During a civil delense emergency, employ temporarily additional personnel without regard to the civil service haws and inner such orbigations on behalf of the United States as may be required to meet the civil defense requirements of an attack or of an anticipated attack. Disseminate such civil defense information as may be approved from time to time by the Federal Civil Defense Administration.	civil de So (B Consi discussi fields f delegati as being of polic in it ha A coi represe field, p eral ag schedul Mate
	technical guidance for States, and direct Federal activities concerned with financial assistance for the temporary relief or aid of civilians injured or in want as the result of attack. Plan, program, and develop technical guidance for the states and direct Federal activities concerned with the acquisition, transportation, and payment for a state of the states and direct Federal civilians in want as a result of attack. Plan a national program, develop technical guidance for States, and direct Federal civil defense activities concerned with research with respect to, and detection, identification, and control of: (2) biological warfare against humans, (2) biological warfare against humans, and (4) other public health hazards. Plan, develop, and direct attack and a regramment of the states of the states. Plan, develop, and distribute through superior and categories of the states of the states of the states. Plan, develop, and distribute through appropriate channels, training materials for incorporation in the curricula of schools and colleges throughout the United States in order to integrate the seching, in all possible courses, of civil defense skills, and knowledge and fundament of the states of the states of the states and other protective measures designed to minimize injury to personnel and reduce damage to vital components of educational institutions and hospitals and of water, sewer, and other public health facilities. Plan a national program, develop technical guidance for States, and direct Federal activities concerned with the emergency restoration of community programs. Plan a national program, develop technical guidance for States, and direct Federal activities on the curricular operating programs. Plan a national program, or equipments thereof for which the Public Health Service normally has regular operating programs. Plan a national program, or equipment of the burder severe program of the curricular

Public Health Service

Jects on the rapid identification of fical warfare agents are under way. For terminal warfare agents are the service of the service o

Progress

Public Health Service

to commissioned reserve physical commissioned reserve protection and training and astito full-time civil defense work in W. Regions III, IV, and IX. emergency operations plan and a dissaster relief operations plan and a dissaster relief operations plan are proposed and a finite protection of the pro

locial Security Administration Bureau of Public Assistance)

siderable time has been spent in sing and defining major policy falling under the Department's

destassing and techning import points delegations. A manual for instruction and guidance is being prepared. A condensed version of policies and procedures to be included in it has been released to the States. A committee on emergency clothing, representing leaders in the retail clothing representing leaders in the retail clothing field, professional asseciations and Foderal agencies, has been selected and is scheduled to meet in the fall.

Material for estimates of othing resources in the Milwaukee Area was prepared and a method for estimating these resources has torn worked out.

Material for a special FCDA Staff College welfare kourse has facen devaloped.

			s—Continued
Agency	Del	eçation	Progress
DEPARTMENT OF RAIPH, EDUCATION, ND WELFARE—COIL.			Social Security Administration—Con. Extensive work has been done to er courage the participation of nations private agencies and professional associations in planning for the delegated programs, including the appointment of temporary consultant to deal exclusivel with the matter. Agreements with the States are bein signed which will form a basis for the planning of the emergency financia assistance and ciothing programs and with provide authority for them to operate i an emergency understanding has bee drawn up and widely distributed covering: a. The payment of financial assistance and eduring an emergency is in the provide authority for them to operate i an emergency. Bernard and widely distributed covering: a. The payment of financial assistance and widely distributed covering: a. The payment of financial assistance and widely distributed covering: before during an emergency is 10 percent. Federal responsibility. b. State Public Welfare Offices will be the focal point around which delegated welfare functions with the delegated welfare functions. Defense welfare Departments. Defense welfare Departments. Defense welfare Departments. Defense welfare planning material has been received from 46 States. Tentative criteria and cost tables have been so developed for a 50-50 matchin with the States on administrative cost for planning defense wafare services. Office of Education Civil defense pilot project centers have been established by agreements with Calfornia, Connecticut, and Michigan State departments of education to work our methods and material for introducin civil defense instruction into the curriet lum. Requests have been received from a function of the pilot project in 1807, with emphase on general admit education of the curriet limes of the intress for the continuation of the pilot project in the destination and the defense contains of the destination of the delegate in the section of education to work with local content in the respective department of education to work with local content o
			Food and Drug Administration
			The preliminary report on tests of foo at Nevrada has been published. The final report has been published. The final report has been declassified and being printed. Reports on the extent of penetration, accernal agents into foods in wholesa containers and on gaseous decontain atom of small loss of critical foods an drugs have been completed. FDA training program for State an local food and drug officials has reached a cities and more than 1,600 people has received certificates of attendance. Work its in progress on a revision of it training bandbook Civil Defense Information for Food and Drug Officials, to it
			mation for Food and Drug Officials, to it clude new material and improvemen suggested by experience.

ANNUAL REPORT, 1956 Approved For Release 2003/07/29 CIA-RDP80B01676R001000030001-9 ADMINISTRATION

Program Progress—Continued

Agency	Delegation	Progress	
DEPARTMENT OF THE INTERIOR	Office of Miner	als Mobilization	
	Plan and direct Federal activities designed to procure, store, transport, and distribute adequate fuel supplies to attacked areas and reception centers, consistent with the national emergency (nel program.	Conferences were held with State Civing the Civing and Defense Directors in three States and defense Directors in three States and detailed plans of operations developed integrate the national program of fue distribution into the local orgat ization setup. Plans are being developed for establishing regional and local area distribution managers for fuel. Initial contact with industry representatives and coordination meetings with some regional administrators have been arranged.	
	Same as above.	A preliminary survey of five FCD.	
		regions and a representative group. States was undertaken to determine whi was being done to cope with petroleum and gas problems in a civil defense emergency.	
		ter and Power Development	
	Plan a national program, provide tech- nical guidance to the States, and direct Federal activities concerned with the emergency restoration of electric utility service to attacked areas and provision of adequate electric utility service to support areas.	Meetings have been held in 14 section of the country to enlist cooperation an support of the utilities. All of the Unite States was covered.	
DEPARTMENT OF JUSTICE	Provide technical guidance to States concerning the protection of penal insti- tutions and the control and utilization of prisoners and facilities during a civil defense emergency.	No report.	
EPARTMENT OF	Activity No. 1		
	Plan and develop a national program relating to the utilization of the labor force during a civil defense emergency, consistent with the responsibilities of the Department of Labor with respect to manpower mobilization. Activity	A regional conference on manpower an postattack mobilization was held in Boton, overing Maine, New Hampshir Vermont, Rhode Island, Massachusett and Connectiont. A plan for the organizing and trainin of a task force trained in civil defensibility of the control	
	Conduct research and provide a moth	Work has been started to determin	
	od of estimating survivors by occupa- tional and social characteristics, and for determining their availability for em- ployment during a civil defense emer- gency.	and provide the basic data on populatio and work force characteristics for use i the electronic damage assessment system Rough outlines of the types of informs tion to be collected on the spot in a pos attack period have been developed.	
	Activity		
:	Provide technical guidance to the States and direct Federal activities concerned with coordination of the nation-wide system of employment service offices for determining requirements of, and recruiting, referring, and utilizing workers to meet civil defense needs.	All field offices have received Interinstructions and procedures to follow i an emergency. Some elements of the procedures have been tested in practic exercises and flood disasters. Planning is in progress to develo coordinated technical guidance for Statemployment service emergency activities. Standards on defense manpower plan are being developed for inclusion in agreements between State employment services and State olvil defense agencies. A study of the New York State civil defense program is under way to deter	
		mine its suitability for developing stand ards for other State agencies in setting u	

Approved For Release 2003/07/29 CIA-RDP80B01676R001000030001-9

ANNUAL REPORT, 1956

Ápproved For Release 2003/07/29 Program Progress—Continued

Agency	Delegation	Progress
DEPARTMENT OF		
Zaroa consilided	Plan a national program, develop technical guidance for the States, and direct Federal activities concerned with the methods of compensation for authorized workers in a civil defense emergency, with the provision of compensation payments for the injury or death of authorized workers while engaged in civil defense activities, and with financial assistance for temporary aid to members of the labor force during periods of idleness due to destruction of working places through enemy action.	Drafts of plans covering each of these three problems have been prepared and discussed with the Labor Advisory Com- mittee on Civil Defense.
IOUSING AND HOME FINANCE	Conduct research and provide technical guidance to the States concerning protective standards for new housing construction and temporary shelter in cristing housing facilities. Plan a national program, provide technical guidance to the States, and direct Federal activities concerned with the provision of temporary emergency housing in support of areas subjected to enemy attack, and with the emergency restoration of essential housing and those related community facilities damaged by enemy action for which the agency normally has legal responsibility.	Defense planning committees have been appointed in each constituent agency and unit, as recommended by the HHFA Defense Council. The effects of the nuclear explosion at Nevada in 1955 on residential structures exposed are being studied. Proposals have been submitted for nuclear tests of dwelling units.

Civil Defense Funds of Delegate Agencies

	Amount of funds			
Delegate agency	Transferred by FCDA for fiscal year 1956	Obligated during fiscal year 1956	Transferred by FCDA for fiscal year 1957	
Department of Agriculture	\$190, 000 1, 240, 000 20, 000	\$163, 813 1, 214, 794 10, 328	\$325, 000 555, 000 2, 340, 000 70, 000	
Department of Justice	65, 000 25, 000	64, 252 24, 853	60, 000 300, 000 350, 000	
Total	1, 540, 000	1, 478, 040	4, 000, 000	

WOMEN'S ACTIVITIES

Throughout the year FCDA continued to establish contacts and working programs with over 100 women's organizations representing a total member ship of 27,000,000 American women.

Some of their activities in fiscal year 1956 follow.

Regional directors of women's activities held a 3-day conference at FCDA headquarters in July, to discuss the work pattern for the year.

Approved For Release 2003/07/29

Approved For Release 2003/07/29: CIA-RDP80B01676R00100030004E9NSE ADMINISTRATION

The national essay contest sponsored by the Veterans of Foreign Wars Auxiliary, in which over 30,000 high school students throughout the Nation wrote on the subject "What Civil Defense Means to Me," was completed in September.

A food writers' conference was held at FCDA Headquarters in October and a special emergency mass feeding demonstration was put on by Region IV for those in attendance. Many newspaper articles on emergency feeding and emergency food supplies resulted from this conference

The American National Red Cross continued its cooperation with FCDA in providing civil defense training programs for women. New courses on home care of the sick and injured were developed and a manual on emergency feeding, jointly sponsored by FCDA and Red Cross, was prepared for publication in 1957. FCDA distributed 10,000 booklets on disaster, which were supplied by the American National Red Cross, and featured a speech by Mr. Ellsworth Bunker, president of the American National Red Cross, in a special issue of the FCDA Women's Newsletter.

The American Legion Auxiliary held its annual training course on home protection at FCDA Staff College, Olney, Md., in January.

The women's auxiliary to the American Medical Association held a panel program on civil defense at its convention in Atlantic City.

The Future Homemakers of America held special round table discussions on civil defense at their meeting in Chicago. This meeting resulted in many requests for program material.

The Newsletter increased its circulation from 5,000 to 19,000 during the year, with 500 to 1,000 additional requests coming in each month. Fourteen issues were published during the year. One on skits was especially popular because of the wide use made of it as the basis for club programs. Another one, "Grandma's Pantry Goes on Wheels," was widely used at State and county fairs, food fairs, and other booths and displays.

The National Women's Advisory Committee meeting was held in Washington, D. C., November 4 and 5, 1955, with 131 in attendance. Recommendations from this committee were used as the basis and guideline for the year's work. Members of the committee were briefed by the Air Force at a special meeting in the Pentagon.

The first youth conference for civil defense was held in January 1956 in Battle Creek, Mich. Both adult and teenage representatives of youth groups attended. A recommendation was made that an official youth conference should be held with a representative from each national organization

Two official representatives of FCDA, several civil defense volunteers, and members of the American National Red Cross staff were: CIA-RDP80B01676R001000030001-9

by the Women's Voluntary Services of Great Britain. Uniform designs for women volunteers were established. Plans for promotion and publicity were scheduled for fiscal year 1957 to be a part

of Civil Defense Week. The first use of December 7th as a promotional date for civil defense was made with an interview broadcast on a national TV network.

Regional conferences attended by representatives of all the States were held in 5 of the 7 regions. Similar meetings were held in many of the States and cities.

GROUND OBSERVER CORPS

The Ground Observer Corps program is administered by the U.S. Air Force. National and local CD officials assist in recruiting. Considerable progress has been made in this program of organizing observation posts and recruiting volunteers to scan the skies for enemy planes as a supplement to radar and other means of guarding against surprise attacks of enemy planes. As of June 30, 1956, the Air Force estimated that to man this program fully the Nation would require 23,418 posts and 1,400,000 volunteers.

The program has grown since December 1952, as indicated by the following charts, from fewer than 10,000 observation posts and approximately 250,000 volunteers to its status on June 30, 1956, with 17,690 observation posts and 474,425 volunteers. Of the 17,690 observation posts, 13,455 are at required locations in order to provide air surveillance; 11,801 are classified as "operationally capable" posts maintaining operational proficiency with a sufficient number of trained personnel to maintain continuous operation for any 72-hour period during actual or simulated alerts and available for reporting 12 months out of the year. A total of 889 posts is classified as "operationally ready" in that they operate around the clock or average at least 160 hours in operation per week specifically observing aircraft. Of these 474,425 volunteers the Air Force reports as of June 30, 1956, show 351,089 were active and 123,336 inactive.

As of June 30 the observation posts report their observations of aircraft to 72 filter centers scattered through the country. These centers with the area reporting to each are indicated on figure 0. There was one change by June 30 which the map does not show, namely, the areas served by Casper and Rapid City were consolidated, with Casper serving both. Other consolidations were scheduled to take place during July and Angust as follows:

ANNUAL REPORT Approved For Release 2003/07/29: CIA-RDP80B01676R001000630007E9ENSE ADMINISTRATION

Saginaw combined with Grand Rapids. Louisville combined with Lexington. Roanoke combined with Richmond. Seattle combined with Portland.

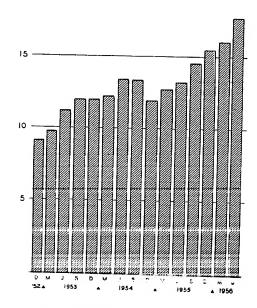
White Plains combined with Trenton.

In addition to filter centers and boundaries of their areas, the map shows Air Defense Identification Zones (ADIZ's) set up to maintain air surveillance in these areas and to assist in the peacetime control of air traffic. Only aircraft flying at a true air speed of 110 knots or less and at an altitude of 1,500 feet or less are authorized to fly within an ADIZ without a flight plan previously filed with the Civil Aeronautics Administration. After the filing of a flight plan a pilot in command of an aircraft must adhere to the plan within certain toler-

47

FIGURE 7.—OBSERVATION POSTS ORGANIZED



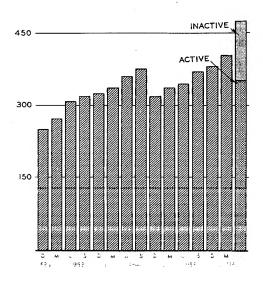


Approved For Release 2003/07/29: CIA-RDP80B01676R001000030001-9

ances. Otherwise he will be designated as an unknown and jet fighterinterceptor aircraft will be sent aloft to make positive identification.

The following table presents statistics on Ground Observer Corps by States. Six States and the District of Columbia had organized observation posts equal to 90 percent or more of those required at specific locations. Ten States had from 75 to 89 percent, 18 States had 50 to 74 percent, 9 States had 25 to 49 percent, and 5 States had less than 25 percent of the needed posts at required locations. Requirements for volunteers, by States, were not available. The States with the largest numbers of active volunteers were Texas, California, Minnesota, Pennsylvania, New Mexico, Iowa, and Michigan, each of which had over 15,000 active volunteers.

FIGURE 8-VOLUNTEERS ENROLLED STATUS AT END OF QUARTER



OBSERVATION POSTS-BY STATE

FCDA region and State	Number	Organia quired	ed at re- locations	Total number	Opera- tionally	Active
· ·	required	Number	Percent of required	organ- ized	ready (24 hours)	volun- teers
Total	23, 418	13, 455	57	1 17, 416	889	1 365, 79
Region 1	1, 574	1, 347	86	1, 452	116	36, 68
Connecticut	89 310	85 283	96 91	87	.3	5, 02
Massachusette	140	135	96	285 137	17 3	6, 44 3, 26
New Hampshire. New Jersey. New York. Rhode Island.	127	108	85	123	6	2,05
New York	153	102	67	114	28	3. 19.
Rhode Island	617 23	502 17	81 74	557 26	48	12, 25
Vermont	115	115	100	123	1 10	53: 3, 910
Region 2.	2, 190	1, 723	79	1,879	122	45, 670
Delaware	23	16	70	23		1, 000
District of Columbia	1	1	100	1		267
Kentucky Maryland	392	308	79	312	2	7, 346
Ohio.	107 491	89 369	83 75	122 381	42 19	2, 565
Ohio. Pennsylvania	593	519	88	542	20	4, 450 18, 336
Virginia	368	264	72	335	33	7, 085
West Virginia	215	157	73	163	6	4, 623
Region 3	2, 851	1, 609	56	2, 132	101	43, 337
Ak bama	388	105	27	108	4	2, 416
Florida. Georgia. Mississippi North Cambina	470 582	308 434	66 75	415 525	25	8, 900
Mississippi	398	85	21	85	18	10, 624 2, 147
	342	247	72	396	15	4. 811
South Carolina	266	182	68	337	11	6, 702
Tennessee	405	248	61	276	26	7, 737
Region 4	3, 218	2, 139	66	2, 431	144	55, 655
Illinois Indiana	700	478	68	570	19	13, 738
Michigan	453 718	408 628	90	409	18	8, 758 15, 230
Missouri	673	133	87 20	647 146	62	15, 230 4, 089
Wisconsin	674	492	73	659	42	13, 840
Region 5	3, 650	1, 450	40	1,776	77	51,007
Arkansas	645	151	23	173	13	2, 923
Louisiana New Mexico	445 393	142 273	32 69	142 449		3, 077
Oklahoma	429	134	31	134	12	18, 148 4, 633
Texas	1,738	750	43	878	· 49	22, 226
Region 6	4, 362	2,680	61	4, 260	108	73, 680
ColoradoIowa	453	481	106	492	6	6, 515
Kansas	622	249	40	554	19	15, 726
Minnesota.	634 853	178 492	28 58	241	.7	4, 203
Nobrecke	588	352	60	1, 100 644	31	18, 809 9, 700
North Dakota	404	355	88	538	32	11,803
North Dakota South Dakota Wyoming	398 410	310 263	78 64	428 263	4	4, 160 2, 764
Region 7	5, 573	2, 507	45	3, 486	221	59, 759
Arizona	507	246	47	255		
California	1, 249	628	50	983	53 51	1, 900 20, 368
Idaho	596	218	37	414	23	7, 306
Montana	748	464	62	575	61	10, 166
Oregon	770	135	18	162	4	1. 417
Montana Nevada Oregon Utau	800	315	39	439	18 :	7.628
Washington	367) 536	204 ± 333 ±	56	210	29 1	3, F#4
	555	. 600	•	ATG .	29 1	· 1,041

1 Data for some States are for a month earlier than June. As of June 30, 1956, the total number of observation posts organized was 17,690 and the total number of active volunteers was 35,089

TRAINING SCHOOLS

FCDA operates a Staff College in Battle Creek, Mich., and a Rescue School at Olney, Md. In these centers civil defense training is carried on under the Act of Congress creating the agency which authorizes it to "conduct or arrange, by contract or otherwise, for training programs for the instruction of civil defense officials and other persons in the organization, operation, and techniques of civil defense; conduct or operate schools or classes * * *, and provide instructors and training aids as deemed necessary."

The Staff College in Battle Creek has specialized in training civil defense administrative officials in its 1-week administration course. Its other basic courses of at least one week are (a) an operations course covering problems a local civil defense organization would face in an enemy attack, and (b) an evacuation course dealing with the techniques and problems of evacuating a target area. In addition it conducts numerous special courses and conferences for the orientation of Government employees and for instruction of specialized and technical groups such as communications specialists, police officers, fire fighters, engineers, public health officials, the clergy, industry representatives, and others.

The Rescue School at Olney, Md., normally conducts three basic courses: (1) a 2-week basic course for instructors who, presumably, will promote and carry on rescue training work in the States and cities, (2) a 1-week light rescue course, and (3) a 1-week advanced rescue course.

As of June 30, 1956, some 13,625 people had been trained in FCDA schools. (There is undoubtedly some duplication in this figure where the same person completed two or more courses.) A total of 6,406 had completed one of the basic courses and 7,219 attended the special courses and conferences, most of which lasted 2 or 3 days. In fiscal year 1956 a total of 1,204 people completed one of the basic courses and 1,044 received instruction in the special courses and conferences. The following table shows detailed figures and the chart shows the trend of training in the various basic courses.

Basic course	Numb	Number of persons trained		
an exercise that to make the second	Prior to fiscal	Fiscal year	Total	
Administration Operations Rescue instructor Light rescue Advanced rescue	3, 964 207 965	311 176 173 255 22	4, 27 38 1, 13, 25,	
Subtotal Special courses and conferences IA-RD-80B01676R001090030001-9	5, 202 6, 175 11, 377	1, 204 1, 044 2, 248	6, 400 7, 219	



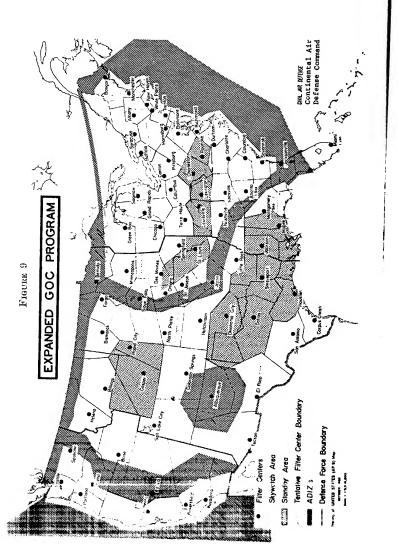
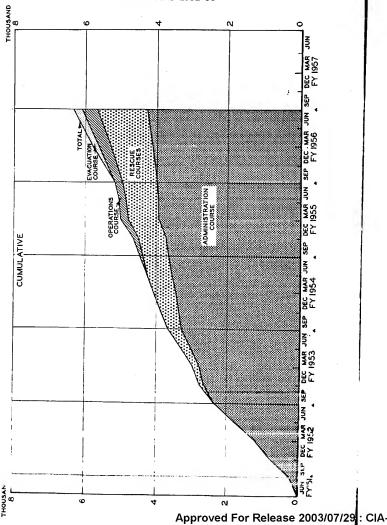


FIGURE 10 PERSONS COMPLETING BASIC CD COURSES

Fiscal Years 1951-56



Persons Completing Basic CD Courses by Region and State, 1951-56

Students in basic civil defense courses have come from every State in the Union. Most of the Territories and possessions have sent people for training also. A total of 454 persons from California has received training. Five other States have benefited by having 200 or more persons trained, namely, Maryland (310), Ohio and Okla-

Region and State	Number of persons	Region and State	Number of persons
Total	6, 406	Region 6	2
Region 1	633	11	
Connections		Iowa	
ConnecticutMaine	131	h hansas	1
VI 8888Chiiset fo	29	Minnesota	•
New Hampshire	132 24	Nebraska :	
TVew Jersey	129	II INOTED DAKOLA I	
New York	139	South Dakota	
Rhode Island	42	Wyoming	
Vermont	7	Region 7	C
Region 2		11	6
region Z	1, 246	Arizona	
Delaware	07	California	4
Dist. of Columbia	87 89	II Idaho	
Nentucky	42	Montana	
Marviand	310	Nevada	
Ohio	281	Oregon Utah	3
Pennsylvania	138	Washington	
VICTINIA	248	" asimgton	4
West Virginia	51	Territories and possessions	7
Region 3	465		
_		Alaska American Samoa	1
Alabama	48	Canal Zone	
Florida	181	Guam	
Georgia	64	l Hawan	3
Mississippi North Carolina	17	Puerto Rico	1
South Carolina	39	Virgin Islands	
Tennessee	14	· · · · · · · · · · · · · · · · · · ·	
٠.	102	Other	1, 97
egion 4	531	FCDA	
		Department of De-	66
IllinoisIndiana	80	tense	0.5
Indiana	121	Other Forteral Acar.	85
		cies	302
Missouri Wisconsin	43	Foreign	160
W Bedisiti	76		***
43tott p	571	1	
Ai attustas	7 0		
Donisiana	190	1	
New Mexico	10	1	
DF80B01676R001000	030681		
DIE OWNED TO LO	0300011	,	

homa (281 each), Virginia (248), and Michigan (211). Each of the other States had a smaller number ranging down to less than 10 people for 7 States and some of the Territories and possessions. Many of the people trained have been sent by Federal Agencies in which they are employed and 160 people have come from foreign countries. The figures in table on page 53 include some duplication where the same people completed more than one basic course.

FCDA Training School Extension Program

In addition to the training activities at FCDA's Staff College in Battle Creek, Mich., and its Rescue School at Olney, Md., a program of training is going forward in the States to assist them in developing their own training programs.

Under one phase of this plan an agreement is made with the State civil defense office which calls for the presentation of an initial Civil Defense Administration Course in the State by a traveling team of FCDA instructors. Some institution of higher learning within the State serves as a cooperating agency, and its facilities are utilized. Among those taking this course are university faculty members, as well as key State and local civil defense personnel who will serve as instructors in subsequent State courses. The State agrees to present the same type of course at least twice a year for 3 years under terms of a contract. Some financial assistance is furnished the State by FCDA for the initial course.

ADMINISTRATION COURSES GIVEN BY FCDA TRAVELING TEAMS

State	Date of FCDA course	People trained by FCDA staff
Ohio	Oct. 4-8, 1954 Nov. 15-19, 1954 May 23-27, 1955	50 73 30
Tennessee Maine Maryland Louisiana	Sept. 5-9, 1955 Sept. 19-23, 1955 Oct. 24-28, 1955 Mar. 5-9, 1956	58 49 46 58
Total	Apr. 2–6, 1956	477

The first of these State courses was given by an FCDA travelling team in Ohio in August 1954. Through June 30, 1956, a total of 10 Civil Defense Administration Courses had been given in as many Approved For Release 2003/07/29

States with a total of 477 persons having been trained. Eight of the States had repeated the course one or more times to an additional 591

ADDITIONAL ADMINISTRATION COURSES GIVEN BY STATES

State	Number of courses	People trained
Ohio	4	10/
	9	130
	9	119
Georgia	3	133
Maine	1	60
Maryland	1	53
Tennessee	1 1	35
Wisconsin	1	31
	1	30
Total	15 courses	

In a second phase of this program FCDA traveling teams have gone into the field and presented special courses to specialized groups. These have been made in response to requests from the States and in accordance with arrangements worked out by the States and FCDA regional offices. Four such courses were given during the first six months of 1956 to 202 persons.

SPECIAL COURSES GIVEN BY FCDA TRAVELING TEAMS

Location	Designation	Date	People trained
Dallas, Tex Dallas, Tex Monroe, La Kansas City, Mo Total	Federal employees	Feb. 15-17, 1956 Feb. 20-21, 1956 Mar. 12-14, 1956 Apr. 9-11, 1956	62 30 60 50 202

Police Institutes

FCDA has provided instruction in civil defense police functions and problems in civil defense to groups in 14 cities. These institutes are conducted by experts in the field at FCDA expense in cooperation with State civil defense and police officials and under guidance of FCDA staff members Some 1,824 people had participated in these institutes as of June on runn These ware chiefly police officers, sheriffs, auxiliary police, regional civil defense officials, and military personnel.

CIA-RDP80B01676R001000030001-9

INSTITUTES HELD

Fiscal Year 1952-56

Location	Date	Attend- ance	Location	Date	Attend- ance
Portland, Oreg. Louisville, Ky Providence, R. I Hartford, Conn. Atlanta, Ga. Montgomery, Ala. Chapel Hill, N. C. Dover, Del.	May 10-20, 1952 Apr. 8-9, 1953 Oct. 20-21, 1953 Feb. 9-10, 1954 Mar. 30-31, 1954 Apr. 7-8, 1954 June 23-24, 1954 Nov. 8-12, 1954	174 130 88 589 108 124 102 100	College Park, Md Camp Perry, Ohio Indianapolis, Ind Springfield, Ill Olney, Md Total	Nov. 9, 1954 May 15-16, 1955 Apr. 19-20, 1956 May 14-15, 1956 June 19-20, 1956	150 73 48 83 55 1,824

Emergency Traffic Control

Efficient use of highways and control of traffic are among the problems that would be faced in the event of enemy attack and attempted prior evacuation. As one step toward preparation in this field FCDA, in conjunction with the staff of Northwestern University Traffic Institute, developed a course of instruction on emergency supervision and regulation of street and highway traffic for civil defense purposes. This course has been given at FCDA expense in 15 cities for the benefit of State and local traffic control officers and other civil defense officials. Some 489 persons have received this training, 188 representing the States, 230 representing civil subdivisions, 21 representing the Department of Defense, and 50 other civil defense officials-mostly employees of FCDA national and regional offices. Of the 418 representing States and civil subdivisions, 248 were police traffic supervisors, 90 were traffic engineers, 37 were civil defense highway transportation officials, and 43 were other civil defense officials.

COURSES PRESENTED

Location	Date	Attend- ance	Location	Date	Attend- ance
Olney, Md	Feb. 18-29, 1952 May 26-June 6, 1952 1952 1952 1952 1952 1952 1952 1952 1952 Feb. 18-26, 1953 1952	21 23 27 38 28 41 71	Lowry AF Base, Denver, Colo. Lansing, Mich Monroe, Le. Columbus, Ga. Louisville, Ky. Battle Creek, Mich. Detroit, Mich.	Sept. 14-25, 1953 Dec. 7-11, 1963 June 8-10, 1954 Nov. 18-19, 1954 Mar. 21-25, 1965 Dec. 5-9, 1955	30 27 26 12 18 37 44 489

ENROLLMENT REPRESENTATION

	June 30, 1955	July 1, 1955 to June 30, 1956	Total June 30, 1956
Total	449	40	489
States_ Subdivisions Department of Defense Other	182 203 21 43	6 27 0 7	188 230 21 50

MOTION PICTURES

 FCDA has recognized the importance of motion pictures as a training aid for use both in formal instruction courses and for general public education. Almost from the beginning of the agency, work has gone forward in the production of civil defense films. Some of them have been produced at FCDA cost. Others have been sponsored by commercial enterprises and produced at no cost to FCDA. A variety of fields and situations have been covered—survival, shelter, evacuation, and expected damage in the event of attack. Most of the films have been cleared for television use and are available also for use in schools, churches, and civic organizations.

Some of the earlier films released have been withdrawn because changing concepts and new weapons have made them obsolete.

The following lists show the films which are now completed and available and those in process for release in the future.

FILMS COMPLETED AND AVAILABLE

		DLE	
Name	Black and white or color	Running time (minutes)	Date released
A New Look at the H Bomb. Atomic Attack ! 1 Big Men in Small Boats ! Bombproof ! CONKELRAD ! Escape Route ! Hirst Aid 6 TW Film Spots) Frontlines of Freedom House in the Middle, The House in the Middle, The House in the Middle, The Let's Face it. Converse of the Middle, The Let's Face it. Diperation Loorstep ! Deration Doorstep ! Deration Doorstep ! Deration Seat. Deration Seat. Deration Welcome. Echoursal for Disaster ! Regress front ! Let's of Disaster ! Let's of Disaster ! Let's face it. Let's face it. Let's control the seat of the sea	B & W Both Both B & W B & W Both B & W	10 1314 14 10	Jan, 1956, May 1955 Aug. 1955 Feb, 1954, Jan, 1955, Oct. 1953, 1954, Aug. 1955, (4)
Warning Red 1	B & W		Feb. 1954 May 1950

Approved For Release 2003/07/29: CIA-RDISCIBLO 1676R001000030001-9

ase in August 1956

NEW FILMS IN PROCESS

Atomic Torch (Mass Fire Fighting) Big Voice, The (Gary, Ind., Exercise 1956 Alert) Church in Civil Defense Civil Defense for Industry Civil Defense Week Documentary Disaster Documentary Facts About Fallout Farm Civil Defens Helicopters in Civil Defense High Yield Weapons Effects Nerve Gas Casualties

Operation Alert 1956 Operation Kids (Evacuation of Schools) Operation Scramble (Hospital Evacuation, St. Louis) Stroudsburg Story (Delivery of drinking water during Natural Disaster)
Tomorrow Today
(Series of 13 TV ¼-hr. programs—embracing various civil defense subjects)

FILMSTRIPS

Filmstrips are one of the most effective training aids in civil defense. Filmstrips, dealing with a wide variety of civil defense subjects, have been produced by FCDA and in most cases have been interwoven with lesson units and training courses available to civil defense and other organizations. States and local subdivisions can purchase these materials under the Federal-State Matching Funds Program by submitting applications to the FCDA regional offices.

Following are the titles of filmstrips now available and those currently in process.

FILMSTRIPS COMPLETE AND AVAILABLE

Title	Date released	Title	Date released
Public Information Civil Defense Against Biological War- fare. Civil Defense of Animals Against Biological War- Greense of Marian Against Biolog- ical Warfare. Civil Defense of Plants and Crops Against Biological Warfare Improvised Hospitals (2) Operation Cue Role of the Warden in Fire, The Role of the Warden in Rescue, The- Warden's Responsibility for Emer- gency Sanitation, The.	June 1956 May 1954 Oet. 1955 May 1953 Dec. 1952	Skills Training Series: Emergency First Aid Fire Firbting—Part I. Fire Fighting—Part II. Handling and Care of Ladders. Lowering and Raising Casualties on a Stretcher and Ties. Ropes and Knot Tying—Part I. Ropes and Knot Tying—Part II. Using a Ladder as 8 Stretcher.	Sept. 1953 Sept. 1953 Sept. 1953 Sept. 1953 Sept. 1953 Sept. 1953 Sept. 1953 Sept. 1953

FILMSTRIPS IN PROCESS

Public Information

Civil Defense Against Biological Warfare 1 Conducting a Neighborhood Civil Defense Meeting

Evacuation of Neighborhood Handicapped Persons

Facilities and the Block Warden Organization

Mobilizing the Neighborhood for Evacuation

Preparing your Neighborhood for Evacuation

Role of the Warden in the H-Bomb Era,1 The

Shelter from Fallout Your Family Evacuation Plan

Training

Warden: Block Census, The Map Making for Wardens Role of the Warden in Receiving and Billeting Evacuees, The

Industry:

Establishing Protective Shelters in Industry Evacuation of Industrial Plants Moving Industrial Workers into Shelters

Organizing for Civil Defense Protection in Industry Eliminating Hazards to Civil De-

fense in Industry

Planning Civil Defense Protection in Industry

Rescue:

Damage Survey for Rescue Workers

Reconnaissance and Rescue by Stages

Rescue from Basements Rescue Squad Operations Rescue Tools and Techniques

Welfare:

Registration and Information Welfare Program in Civil Defense. The Emergency Mass Feeding

RADIO AND TELEVISION

Radio and television are most effective means of getting a message to a large number of people in the shortest possible time. FCDA uses them in three principal ways: (1) by providing specially prepared spots, films, and programs to stations throughout the country to keep reminders of civil defense constantly before the public, (2) by integrating civil defense information into regular network broadcasts either by personal appearances of civil defense people or the material into the usual format of programming, and (3) by preparing special civil defense programs for actual use on radio networks, such as the current programs on the Mutual Broadcasting System entitled "By the People," and "Dateline Defense." Radio materials are usually recorded on transcription platters and distributed to every station in the United States and the Territories. TV materials are put on film and likewise sent to all stations. A list of available materials appears below.

[:] Filmograph.

MATERIALS AVAILABLE

R.	ADIO TRANSCRIPTI	ONS
Title	Running time	Explanation
CONELRAD Spots	21 to 53 seconds	
CONELRAD Spots (Series II)	19 to 50 seconds	Announcers.
CONELRAD Spots (Series II)	1 minute	Novelty-humorous.
Dramatized Spots.	1 minute; 20 seconds;	
	10 seconds.	form,
Firefighting for Householders	1 minute	Spot announcement.
Firefighting for Householders	18 seconds	Do.
Firefighting for HouseholdersFirefighting for Householders	14½ minutes 14½ minutes	Radio program. Dramatic CONELRAD program.
"No Second Chance"	14½ minutes	Dramatic CONELRAD program.
Personality Spots	Various	Civil defense announcements by leading stars of radio and television.
	l	stars of radio and television.
Religious Spots	30 seconds	Civil defense announcements by top re-
		ligious leaders.
Stars for Defense 1	14 minutes each	Musical programs with top singing stars.
The Farmer and Civil Defense 1	29½ minutes	Roundtable discussion between Gover-
		nor Peterson, Undersecretary of Agri-
		culture True D. Morse, and leaders of
	i	national farm organizations.
This is Civil Defense	15 minutes each	Series of 13 dramatic programs.
	THE PRINCIPAL MARRIED	T.T
1	ELEVISION MATER	IAL
CONELRAD	20 seconds	Film spot.
Star TV Film Spots !		
TV Station I. D. Slide	1 00 0 11111111000	Station break call letters slide.
T Y Station I. D. Blide		Constant brown out solvers shite.

¹ For release in September 1956.

PUBLICATIONS

FCDA has published and distributed a large number of publications dealing with various aspects of civil defense in accordance with provisions of the basic law creating the Agency which authorized the Administrator to "publicly disseminate appropriate civil defense information by all appropriate means."

As of June 30, 1956, more than 145,000,000 copies of publications had been distributed and sold. Many of these were administrative and technical manuals, bulletins, guides, and handbooks for use of civil defense officials and for training and educational purposes. Many others were issued for the information and guidance of the general public. These included numerous small booklets, leaflets, and cards on specific aspects of civil defense. The following table shows the number of copies distributed and issued in fiscal year 1956.

Material Distributed and Issued in Fiscal Year 1956

	Tistal 1	ear 1956
Adm	inistrative guidess_	2000
Instr	uctor's guidesalsals	693, 149
Manu	als	135, 205
Poste	rs	8, 420
Progr	am guides	526, 662
Publi	am guides booklets ical bulletins	50, 310
Techi	ical bulletins	5, 192, 314
Techi	ical manualsical reports	901, 422
Train	ng and education bulletinsng bulletins	82, 611
Volun	teer manpowerlaneous publications	29, 012
Miscel	laneous publications	11,610
		40, 655, 972
	Total	

¹ Does not include sales by Superintendent of Documents, Government Printing Office. In addition, at the year's end 1 instructor's guide, 4 technical bulletins, 1 technical report, and several miscellaneous publications were at the printer or otherwise in printing process, and will be distributed early in fiscal year 1957.

Many publications issued in early stages of the program became obsolete in the light of more recent developments and weapons and consequently have either been revised or replaced by new publications with later technical information. The following list shows the publications currently available. All of these are available from FCDA in Battle Creek, Mich., and most of them can be obtained also from the Superintendent of Documents in Washington, D. C.

PUBLICATIONS Available as of June 30, 1956

Identification	Title	Publication date
	Administrative Guides	
AG-6-1 AG-7-1 AG-8-1 AG-9-1	Supply Service, The Warden Service, The Principles of CD Operations Fire Services.	June 1952 Aug. 1951 July 1951
AG-10-1	Police Services	Oct. 1951
AG-11-1	Health Services and Special Weapons Defense	June 1952 1 ∫Dec. 1950
AG-12-1	Emergency Welfare Services	June 1952 : Feb. 1952
AG-13-1	Fuginacring C.	July 1952:
AG-16-1	CD in Industry and Institutions	July 1952 : May 1951 Aug. 1951
C BAR TO TO TO A	DO4076D0040000000000	Oct. 1051

Approved For Release 2003/07/29 : CfA-RDP80B01676R001000030001-9

PUBLICATIONS—Continued

PUBLICATIONS_Continued

	PUBLICATIONS—Continued		PUBLICATIONS—Continued		
Identification	Title	Publication date	Identification	Title	Publication da
	Handbooks			Public Booklets	2 doncation day
H-3-1	Annotated CD Bibliography for Teachers	Dec. 1951 Sept. 1955 ¹	PA-	· · · · ·	
11 0 1	Trinotated OD Dibnography for Teachers	Feb. 1956 ¹	PA-S	1 Ide 10d bhould Know About Riological III	1951
H-11-1	Before Digostor Strikes What to De Nam About	Apr. 1956 ¹		I ms is Civil Defense	∫May 1951
1-11-1	Before Disaster Strikes—What to Do Now About Emergency Sanitation at Home	Mar. 1953	PA-4	Fire Fighting for Householders	June 1956 1
		Oct. 1955 1	PA-5	Emergency Action (C	Mar. 1956
H-11-2	Before Disaster Strikes—What the Farmer Should	Mar. 1956 1	PA-7	1 Bondy House to Dave Lives	11./17/17 1051
2	Know About Biological Warfare	Apr. 1955 1		out Tou bhould Know About Radioactive Fall-	June 1955
		Nov. 1955 ¹	PA-F-1 PA-F-2	Mr. CD Reporting for D	II June 1956 t
TT 05 0	G: 1 D () G:	Feb. 1956 Feb. 1956	PA-F-3	Shake Off That Spring Fever You and the Welfare Program	1956 1956
H-25-2	Civil Defense Glossary	June 1956 1		Trogram	1956
	Instructor's Guides			Technical Bulletins	
			TB-4-1	Advantages of FM over AM for Civil Defense Com-	
IG-3-1 IG-3-2	Skills Training Films Basic Course for Civil Defense	Aug. 1954		munications in the Frequency Bands 50 Mega- cycles per Second and Ir	(0)
IG-3-2 IG-3-3	I Civil Defense Instructor's Course	I Wah 1056	TB-4-2	cycles per Second and Up.	Oct. 1953 Dec. 1953 :
IG-11-1	Venipuncture and Intravenous Procedures	Aug 1054		Radio Frequency Allocation Plans for Disaster Com- munications Service and Radio Amateur Civil	(200. 1808 .
IG-14-1 IG-19-1	Basic Rescue Course Introduction to Radioactive Fallout	l Jan. 1956	TB-4-3	Emergency Service and Radio Amateur Civil National Communications Priorities	Oct. 1953
10 10 1		Берь. 1955	TB-5-1	I Interim Design Standard 1 4	Sept. 1955
	Manuals			tion in Industrial Structures	•
M6-1	Standard Item Specifications	Feb. 1952	TB-5-2	Shelter From Padissetting B.	Apr. 1954 Sept. 1955
M25-1	Federal Contributions	Oct. 1954		Tanout	Oct. 1955 1
M27-1	Survival Plan Manual (Advance)	11955 1 Sept. 1955	TB-7-1	The Role of the Warden in Panic Prevention	Jan. 1956 ¹ Nov. 1954
M27-2	Survival Plan Workbook (Advance)	Dec. 1955	_TB-8-1		Sept. 1955 1
	Posters		TB-11-1 TB-11-2	Emergency Exposures to Nuclear Radiation————Personal Dosimeters for Radiation————	Feb. 1955
			TB-11-3	The Most Promising Partial Defense	Mar. 1952 Apr. 1952
	"Alert America"	Apr. 1952	TB-11-4	Defense Use	_
	Civil Defense—Part of Our Tradition Disaster Strikes Suddenly (Car Cards)	May 1954 Sept. 1953	TB-11-4	Development Status of Personal Dosimeters Emergency Blood Transfusion	Apr. 1952 Apr. 1952
	Fiddling's Fun	May 1954	TB-11-6	Emergency Blood Constitution	Nov. 1952
	Go Join Civil Defense In Case of Air Raid (Billboard)	June 1954	TB-11-8	niques Laboratory Tech- Permissible Emergency Levels of Redi	M 1050
	I In Case of Air Raid (Car Cards)	July 1955 Mar. 1955	11 0	Weter and The state of Radioactivity in If	Nov. 1952 Dec. 1952
	Natural Disaster	1956	TB-11-9	Emergency Moscour	Sept. 1955 1
	Mr. Civil Defense Official CD Identification	1956 July 1954	TB-11-10	and Water Responsibilities for Production and Distribution	Dec. 1952
	l Partners in Defense	1056		Responsibilities for Production and Distribution of Potable Water During Disaster Use of Tourniquet in Co.	May 1953
	Radioactive Fallout Poster Recruiting	Sept. 1955 Jan. 1953	TB-11-11	Use of Tourniquet in Controlling Hemorrhage	Apr. 1956 : Tune 1953
	Rescue Training Poster	July 1955	TB-11-12	Civil Des	une 1955 lug. 1955 :
	They Serve to Protect	Aug. 1954		Derense Household First Aid Kit	951
	Program Guides		TB-11-13	The FCDA Clinical Laboratory Assembly	eb. 1954 1 uly 1954
DC 11 1			TB-11-14	Revised Instructions & Co.	ept 1955
	Needed—Home Nursing for Civil Defense	Feb. 1955	TB-11-15	Revised Instructions for Shipping Blood	ept 1955; uly 1954 (ay 1956)
>#P Lootnote	at end of table		TB-11-16	Minimum Potable Water & """" I J	ulv 1954
			•	Chan be a state of the bound of the beautiful to the beau	10:4
			F13-11 10 1	Diological Warfare Against Dublin W.	pr. 1956 pr. 1955
			TB-11-20 1	hadiological Instruments for Civil D.	ept. 1955
			See footnote at	end of table	ept. 1955

ANNUAL REPORT 1956 Approved For Release 2003/07/29: CIA-RDP80B01676R001000030001-9 PUBLICATIONS—Continued

Identification		T		PUBLICATIONS—Continued	
identification	Title	Publication date	Identification		D-1V
	Technical Bulletins—Continued				Publication date
TB-11-21	Fallout and the Winds	Oct. 1955 Feb. 1956 ¹	The state	Technical Manuals—Continued	
TB-11-22	Radiation Physics and Bomb Phenomenology	Dec. 1955 June 1956	TM-11-1	Services Part I The First Civil Defense Casualty	7
TB-11-23	Promotion of an Emergency Hospital Exhibit	Apr. 1956	TM-11-8	Organization and Operation of Civil Defense Casualty Services, Part III—Medical Records for Casualties	Jan. 1953
TB-13-1	Engineering Equipment Stockpiled for Emergency Water Supply Use	June 1952		Casualties Part III—Medical Records for	∫Mar. 1952
TB-13-2	Water Supply Use		TM-11-5	Blood and Blood Designation B	- Oct. 1952 1 (Apr. 1952
TB-13-3	Sets Preliminary Report of Tests of Thermal Type	Sept. 1953		Blood and Blood Derivatives Program	- Dec. 1952 1 Jan. 1953 1
TB-13-4	Atomic Bomb Air Zero Locators————————————————————————————————————	Oct. 1953	TM-11-6	Radiological Decontamination in Civil Defense	Mar. 1952
TB+13-5	Blast and Thermal Radiation of an Atomic Bomb- Utilization of FCDA Stockpiled Lightweight Steel	Oct. 1953			
	Pipe and Centrifugal Pumps. New Check Valve and Priming Instructions for	Dec. 1953	TM-11-7	The Nurse in Civil Defense	June 1952
TB-13-5 Supp.	New Check Valve and Priming Instructions for FCDA Centrifugal Pumps	Dec. 1954	TM-11-8	Emergency Medical Treatment The Dentist in Civil Defense Civil Defense Against Biological Warfare	Apr. 1954
TB-13-6	FCDA Centrifugal Pumps Utilization of FCDA Stockpiled Portable Water	Dec. 1954	TM-11-9	The Dentist in Civil Defend	Apr. 1953
TB-13-7	Purifiers and Storage Tanks Utilization of FCDA Stockpiled Flexible Vinyl	Apr. 1954	TM-11-10	Civil Defense Assist Division	1) Feb. 1953
	Film	Apr. 1954	TM-11-11		
TB-13-8	Utilization of FCDA Stockpiled Mobile Chlorin-		TM-11-11 TM-11-12	The Veterinarian in Civil Defense (Errata) Mortuary Services in Civil Defense (Errata)	Jan. 1955 Aug. 1955
TB-13-9	ators Restoration of Gas Facilities in Civil Defense Emer-	Apr. 1954	TM-12-1 TM-13-1	Registration and Info	Apr. 1956
TB-13-10	gencies Sewage Works Facilities in Civil Defense Emer-	May 1954		Utilization and Control of Streets and Highways in Civil Defense Emergencies	
TB-13-11	gencies	June 1954	TM-13-2	Operation and D	Jan. 1953
TB-13-11 TB-14-1	Plastic Patching for Emergency Pipe Repairs Construction and Adaptation of Structures for	Apr. 1955 (Dec. 1952	TM-13-3	(legrance and D.	Sept. 1953
TB-16-1	Rescue Training	Nov 1953 ¹	TM-14-1	ways in Civil Defense Emergencies Rescue Techniques and Operations	Apr. 1954
TB-16-2	Casualty Services in Facilities	Aug. 1953 May 1955	TM-16-1	Civil Defense in G	Sept. 1953
TB-16-3	Industry Defense — Sources of Reference and	Dec. 1955	TM-27-1	Procedure for E	Apr. 1952 Oct. 1952 1
TB-16-4	Guidance Industry Defense Checklist	Apr. 1956		Procedure for Evacuation Traffic Movement Studies Planning and Organizing for Civil Defense Traffic Operations	
TB-19-1	Industry Defense Checklist The Radioactive Fallout Problem	June 1955	TM-27-2	Planning and Organizing for Civil Defense Traffic	Nov. 1955 ∫Nov. 1955
TB-19-2	The Problem of Panic. Evacuation of Civil Populations in Civil Defense	June 1955		Operations	Jan. 1956 1
TB-27-1				Technical Reports	
TB-27-2 TB-27-3	Evacuation Checklist The Role of the Warden in the H-Bomb Era	May 1955	TR-4-1	The Effectiveness of Sonic Outdoor Warning	
12 2. 0		Aug. 1999	TR-9-1	Devices Or Some Outdoor Warning Preliminary Report Operation Figure 1	Tul- 10F4
	Technical Manuals		TR-11-1	Effects of Nuclear E	July 1954 Jan. 1955
TM-4-1	Outdoor Warning Device Systems	∫Oct. 1951	TR-27-1	Operation Kids	Mar. 1955
,	Shelter from Atomic Attack in Existing Buildings	\July 1952 ¹	TR-27-2	Scientific Study of the Prostant T	Sept. 1955
	Part I—Method for Determining Shelter Needs 1	Feb. 1952	TR-27-3	Spontaneous Landarship in G. in Spontaneous Landarship in G.	Oct. 1955
TM-5-2	and Shelter Areas. Shelter from Atomic Attack in Existing Buildings,	\July 1952 1	TR-27-4	Operation Exit	Oct. 1955
TM-5-3	Part II—Improvement of Shelter Areas	May 1952	TR-27-5	Operation Green Light	June 1956 June 1956
TM-5-4	to Atomic Blast	June 1952	1	Training Bulletins (Officer Series)	o and 1900
	ant Degion	100 10521	No. 1	Dotama i i cu	
TM-5-5	Huma Shelters for Family Proposition	Lula 1020	No. 2	Determining Civil Defense Training Needs	Jan. 1952
TM-8-1 TM-0-1	Civil Defense Urban Analysis Water Supplies for Wartime Fire Pighting	July 1953	No 4	Getting Good Instructors for Cavil Defense	Feb 1989
1 -1 [54]	marks aupplies for Wartime Fire Fighting.	July 1951 (1950	No. 5 No. 8	Improving Civil Detense Instruction: Planning	ът. 1952 Мау 1952
TM-9-2		1700	N- 0	Setting Up Your Civil Defense Training Needs. Setting Up Your Civil Defense Program Getting Good Instructors for Civil Defense Improving Civil Defense Instruction: Planning Wisual Aids Visual Aids	149 1492
See footnote a	t end of table. Approved For R	ιουρτ. 1955 1 elease 2003/07	/29 : CIA-RDP80B	Visual Aids	Aug. 1952 Oct. 1952

ANNUAL REPORT Approved For Release 2003/07/29: CIA-RDP80B01676R00100008000169se Administration

PUBLICATIONS—Continued PUBLICATIONS—Continued

Identification	Title	Publication date
	Training Bulletins (Officer Series)—Continued	
No. 10 No. 11 No. 13 No. 14 No. 15 No. 16 No. 17	The Block Census. The Role of the Warden in Rescue Reconnaissance Functions of the Block Warden Conducting a Neighborhood Civil Defense Meeting. Facilities and Block Warden Organization Emergency Sanitation for Neighborhoods. The Role of the Warden in Receiving and Billeting	Nov. 1952 Dec. 1952 Jan. 1953 Feb. 1953 Mar. 1953 Apr. 1953
No. 18 No. 22	Evacuees	Apr. 1953 Apr. 1953
No. 23 Innumbered	Techniques Organizing a Neighborhood for Survival Rescue Squad Operations	July 1953 Jan. 1954 May 1953
	Training Bulletins (School Series)	
No. 1	How to Maintain a School Bulletin Board on Civil	7. 1070
No. 2 No. 5 No. 7	Defense. What Teachers Should Know About Civil Defense. Motion Pictures for Civil Defense Education What Teachers Should Know About Atomic War- fare	Jan. 1952 Mar. 1952 July 1952 Mar. 1953
	Miscellaneous	
	AEC—A Report by the United States Atomic Energy Commission on the Effects of High Yield Nuclear Explosions	Feb. 1955
	Alert Signal	{July 1955 1956 ¹
	Annual Report—1951 Annual Report—1952 Annual Report—1954 Annual Report—1954 Annual Statistical Report—Fiscal Year Report 1955 Atomic Blast Creates Fire Civil Defense and National Organizations Civil Defense Household First Aid Kit	1952 1953 1954 1956
	Civil Defense Household First Aid Kit	June 1951 June 1954 ¹
	Civil Defense Rescue Training—Brochure	Dec. 1955
	Cleveland Story, The CONELRAD Identification Stamps (150 per book)	June 1954 Jan. 1954 (Sept. 1953
	CONELRAD—Pamphlet	Apr. 1955 1 Dec. 1955 1
	CONELRAD Sticker (80 per card) Control of Communicable Diseases in Man Corner Room Shelters Damage from Atomic Explosion and Design of Pro-	June 1953
	tective Structure. Emergency Mass Feeding Instructor Course. Employee Handbook. Evacuation Advertising Kit Dvacuation Signal Facts About Civil Defense (Speakers Kit)	Aug. 1951
	Facts About Civil Defense (Speakers Kit) Facts About Fallout Facts About the H-Bomb	

Identification	Title	Publication dat
	Miscellaneous—Continued	
		Oct. 1955 Feb. 1956
	Home Protection Exercises—A Family Action Program	Aug. 1953 June 1954 June 1955
	Interim Statistical Report No. 1	T)
	Lean-To Shelters Leadership Guide—National Civil Defense Week National Plan (Advance) Natural Disaster Manual	
	Natural Disaster Manual Operation Doorstep—2% Seconds—Brochure Operation Doorstep Booklet Outdoor Shelters Bural Fensile Defense	June 1953 Mar. 1953 June 1953
	Seal—CD Week "Alert Today" Shelter Designs	1956 June 1956
	Six Steps to Survival Special Course for Clergymen, A	Mar. 1955 Feb. 1956
	States, Counties, and Cities in Civil Defense, The Target Areas for Civil Defense Three Minutes of Your Time Con Same Life	Mar. 1955 ∫Feb. 1952
	TV-Flip Card—CD Week	Feb. 1953
	Underground Personnel Shelters United States Civil Defense Visitors' Brochure	
	What You Can Do Now	

TRAINING EXERCISES

The task of developing civil defense preparedness against the possible use of modern atomic and hydrogen weapons is without precedent in the United States. Consequently basic policies, plans, and procedures had to be evolved and developed at all government levels. Training and practice exercises have been one means used to test and develop proposed plans. Many training exercises have taken place throughout the country as State and local civil defense organizations developed projects in which testing was useful. Such exercises have been especially useful in testing evacuation plans, reception area plans, mass feeding and other mass care programs, warning and communication systems, as well as in training specific groups of civil defense workers in the performance of their emergency duties.

The following table lists State and local training exercises that have Facts About Civil Defense (Speakers Kit)

Facts About Fallout.

Facts About H-Bomb

Facts About the H-Bomb

Facts About the H-Bomb

Approved For Release 2003/07/29: CIA Region and State. While the list is not necessarily complete, Filmstrip.

Approved For Release 2003/07/29 : CIA-RDP80B01676R001000030001-9 EXERCISES REPORTED

By Region

	1	T			
Location	Operation name and date	Object or description	Area or facilities involved	Approximate number of participants	Time
		REGION 1		-	
State of Connecticut.	CPX, May 7, 1966	Train control center operational staff. Demonstrate operations of a control center to the general public. Demonstrate mobilization ability for mass feeding of 100 or more persons on short notice. Training of radio and other communications personnel in control center operations. Training staff at all levels in control center operations and problem solution.	Area and local control centers. 60 towns	300-500 per test	2½ hours. 2 hours. Do.
Maine fainestone	"Evacuation," June 4, 1956. "Test Alert," June 13, 1956.	Trisi rum to test evacuation route, Newington to Cromwell. Also test of communications. Evacuation of dependents from Air Force Base to Carlbou, Fort Fairfield, and Limestone. To test effectiveness of the Air Raid Warning system of the entire State, operating quality of new sirens, and to provide the public an opportunity to hear the yellow and red alarms.	Newington and Guilford Loring Air Force Base Statewide	1,200 dependents (250 autos).	3 hours,
Hancock and Wildo Counties. Massachusetts: State of Massachusetts.		To rehearse reception procedures at local and county levels and test evacuation routes. Flood emergency presented opportunity to test existing natural disaster plans and	Cities and towns in Han- cock and Waldo Coun- ties. Statewide	500 citizens, 180 civil defense volunteers. 10,431 civil defense work- ers.	170 hours,
State of Massachusette.	47	State sponsored emergency disaster feeding demonstration at Waltham Field Station, Massachusetts Extension Service.	Area sector staffs	i	20 minutes to feed participants. 63 hours.

Truco	"Cape Cod," Oct. 29, 1955	State sponsored test of evacuation and feed-	1.70			
		ing in cooperation with Provincetown Red Cross Medical Unit. The "evacuees" were supposedly taken off the Cape and		150	•	
State of Massachu Seits	"Doubleheader," Mar. 19-20, 1956.	Two successive blizzards causing widespread	Statewide	400 civil defense staff,	23 hours,	
		defense organization in natural disaster. Headquarters was placed on an alert— shelters cots blenkets and an alert—		1,500 volunteers.		
4 n	"Communications Test,"	provided police and fremen) were	1			अस
· 1)c.,	May 7, 1956. "Lexington," June 4, 1956.	To test civil defense communications at State, area, and local levels. Control center exercise: to rehearse operational procedure.	do	300 civil defense staff	2 hours.	FEDERA
	"Bunker Hill," June 25,	tional procedures and to train in com-				
	1930,	Control center exercise: involving control centers at all levels; continuation of Control	do	do	$\mathbf{D_0}$	T 0
1.0	"Communications Test," July I, 1955 through	tion Lexington. Communications tests held at area and sector levels.		50 civil defense etc# 3	177. 3.3	CIVIL
New Hampshire:	June 30, 1956.			volunteers.	Weekly.	
		To train local civil defense personnel in all phases of welfare services. To train mobile support in civil defense	Town Hall simulated as welfare center.	30 civil defense workers,	1 day.	मुख
Huds a	Apr. 7, 1956	To train mobile support in civil defense welfare services. To train civil defense volunteers in emergency welfare services.		50 townspeople. 150 civil defense vol- unteers.	14 day.	Defense
				30 civil defense volun-	D_0 .	æ
		Public health training in civil defense. To train civil defense volunteers in civil defense welfare services. Training exercise involving all civil defense welfare services.	State House YMCA Hall	50 60	4 days.	(DA
		welfare services.	Local school	30 civil defense workers		H
Portagentin		Practice exercise involving all welfare services	Junior high school facili-	150 townspeople. 60 welfare volunteers, 150		1185
State of New Hamp	May 29-June 27, 1956 July 9-12, 1956 July 1, 1955-June 30, 1955	Radiological defense training	ties.	16	6 2-hour courses.	TR.A
shire	July 1, 1955 June 30, 1955	Operations officers' instruction and orienta-	40 communities	100	4 3-hour courses. Single briefing ses-	ADMINISTRATION
		tors.	1		sions.	Ž

	Operation name and date	Object or description	Area or facilities involved	Approximate number of participants	Pir 16
	1	Region 1—Continued			,1
ew Jersey: State of New Jersey	"Muster" week of Oct. 23,	To test operational training efficiency in statewide mobilization of all the Stat forces. Personnel and equipment wer moved to mobilization points, suppor role being stressed. National Guard wa mobilized. Pedestrians were instructed to take shelter during public participation	0 e t	252,000 civil defense vol- unteers, 15,000 N i- tional Guard.	1 week
D ₀	"Surprise," Feb. 23, 1956_		Statewide	21 counties, 567 municipalities.	1 day
	"May Day," May 1, 1956	and industries. To test air defense warning network and ability of public to follow instructions. To afford opportunity for every municipality to test their civil defense plans and organization.	dodo	21 counties, 460 munic palities, 236,000 part cipants.	D.,
Do ew York:	Local tests	Many municipalities and counties had local tests during the year to test plans and organization.	ı f	-	
Yates County	July 15-16, 1955	Evaluation of support area training	Support area for alt	500	
Orleans County	Aug. 13, 1955	To test public participation in an air raid alert at Junior Fair in Albion, the county	Rochester.	500	2 days 10 minutes.
Looknort	A 10 00 1055	_ 8000.		1	1
Rensselaer	Sept. 9-10, 1955	Evaluation of support area training	Support area for city of Niagara Falls.	500	2 days
Aloany and Rens-	Sept. 23, 1955	Test exercise and recruiting	- Support area for city of Troy.	500	De.
selaer.	Oct. 7-8, 1955	Training exercise for support area participa-			
Plattsburg	Oct. 14-15. 1955	Training exercise for support area participa- tion. Evaluation of support area trainingdo	C		
Auburn	Oct. 28-29, 1955	do	Support area for city of Plattsburg.	500	2 days
	0 00, 20 20, 1000		Support area for city of	500	130
Do	Oct. 29, 1955	To test plans for evacuation of patients from County Home.	J	35 patients.	
Do	Nov. 4-5, 1955	Evaluation of support area training	Support area for New	500	Do.
Washington County_	Nov. 13, 1955	Evaluation of support area training 'Training	Support area for New	500	Do.
Washington County_MiddletownChautauqua County_	Nov. 4-5, 1955	Evaluation of support area training Training Citywide participation in a test exercise and training of civil defense workers. Evaluation of support area training	Support area for New York City.	500	
Washington County_MiddletownChautauqua County_	Nov. 4-5, 1955	Evaluation of support area training Training Citywide participation in a test exercise and training of civil defense workers. Evaluation of support area training	Support area for New York City. Support area for city of Buffalo.	300	Do.
Washington County Middletown Chautauqua County White Plains Tompkins County.	Nov. 4-5, 1955	Evaluation of support area training Training Citywide participation in a test exercise and training of civil defense workers. Evaluation of support area training To test emergency service in a public alert Evaluation of support area training	Support area for New York City. Support area for city of Buffalo.	300.	Do. 1 day.
Washington County_Middletown	Nov. 4-5, 1955	Evaluation of support area training Training Citywide participation in a test exercise and training of civil defense workers. Evaluation of support area training To test emergency service in a public alert—Evaluation of support area training Training personnel from the New York State Division of Veterans Affairs and volunteers of the New York State Civil	Support area for New York City. Support area for city of Buffalo.	300.	Do.
Washington County_Middletown	Nov. 4-5, 1955	Evaluation of support area training Training Citywide participation in a test exercise and training of civil defense workers. Evaluation of support area training To test emergency service in a public alert Evaluation of support area training Training personnel from the New York State Division of Veterans Affairs and volunteers of the New York State Civil Defense Commission in Message Center.	Support area for New York City. Support area for city of Buffalo. Support area for city of Binghamton. New York State Civil Defense Commission Headquarters.	300.	Do. 1 day.
Washington County_Middletown. Chautauqua County_White Plains_Tompkins County State of New York New York City Monroe County	Nov. 4-5, 1955 Nov. 13, 1955 Nov. 17, 1955 Nov. 18-19, 1955 Nov. 25-26, 1955 Mar. 29, 1956 Apr. 19, 1956 Apr. 28, 1956 May 2, 1956	Evaluation of support area training Training Citywide participation in a test exercise and training of civil delense workers. Evaluation of support area training To test emergency service in a public alert. Evaluation of support area training. Training personnel from the New York State Division of Veterans Affairs and volunteers of the New York State Civil Delense Commission in Message Center. Evaluation of all training held throughout New York City. Evacuation test.	Support area for New York City. Support area for city of Buffalo. Support area for city of Binghamton. New York State Civil Defense Commission Headquarters. Now York City	300	Do. 1 day. Do.
Washington County_Middletown. Chautauqua County_White Plains_Tompkins County State of New York New York City Monroe County Rockland County	Nov. 4-5, 1955 Nov. 13, 1955 Nov. 17, 1955 Nov. 18-19, 1955 Nov. 25-26, 1955 Mar. 29, 1956 Apr. 19, 1956 Apr. 28, 1956 May 2, 1956 May 6, 1956	Evaluation of support area training. Citywide participation in a test exercise and training of civil defense workers. Evaluation of support area training. To test emergency service in a public alert. Evaluation of support area training. Training personnel from the New York State Division of Veterans Affairs and volunteers of the New York State Civil Defense Commission in Message Center. Evaluation of all training held throughout New York City. Evacuation test. Evaluation of support area training.	Support area for New York City. Support area for city of Buffalo. Support area for city of Binghamton. New York State Civil Defense Commission Headquarters. Now York City	500	Do. 1 day. Do.
Washington County_Middletown. Chautauqua County_White Plains_Tompkins County State of New York New York City Monroe County Rockland County	Nov. 4-5, 1955 Nov. 13, 1955 Nov. 17, 1955 Nov. 18-19, 1955 Nov. 25-26, 1955 Mar. 29, 1956 Apr. 19, 1956 Apr. 28, 1956 May 2, 1956 May 6, 1956	Evaluation of support area training. Citywide participation in a test exercise and training of civil defense workers. Evaluation of support area training. To test emergency service in a public alert. Evaluation of support area training. Training personnel from the New York State Division of Veterans Affairs and volunteers of the New York State Civil Defense Commission in Message Center. Evaluation of all training held throughout New York City. Evacuation test. Evaluation of support area training. Training volunteers from New York State Department of Public Works and New York State Civil Defense Commission in	Support area for New York City. Support area for city of Buffalo. Support area for city of Binghamton. New York State Civil Defense Commission Headquarters. Now York City. Support area for city of Rochester. Support area for New York City. Interim Control Center of New York State Com-	500	Do. 1 day. Do. Do. Do.
Washington County_Middletown Chautauqua County_White Plains	Nov. 4-5, 1955 Nov. 13, 1955 Nov. 17, 1955 Nov. 18-19, 1955 Nov. 25-26, 1955 Mar. 29, 1956 Apr. 19, 1956 Apr. 28, 1956 May 2, 1956 May 6, 1956 May 17, 1956 May 17, 1956 May 19, 1956	Evaluation of support area training. Training. Citywide participation in a test exercise and training of civil defense workers. Evaluation of support area training. To test emergency service in a public alert. Evaluation of support area training. Training personnel from the New York State Division of Veterans Affairs and volunteers of the New York State Civil Defense Commission in Message Center. Evaluation of all training held throughout New York City. Evacuation test. Evaluation of support area training. Training volunteers from New York State Department of Public Works and New York State Civil Defense Commission in Commissions Message Center. Evaluation of support area training.	Support area for New York City. Support area for city of Buffalo. Support area for city of Binghamton. New York State Civil Defense Commission Headquarters. Now York City. Support area for city of Rochester. Support area for New York City. Interim Control Center of New York State Commission.	500	Do. 1 day. Do. Do. Do. Do. Do.
Washington County_Middletown Chautauqua County_White Plains Tompkins County State of New York New York City Monroe County Rockland County Etate of New York Tompkins County	Nov. 4-5, 1955 Nov. 13, 1955 Nov. 17, 1955 Nov. 18-19, 1955 Nov. 25-26, 1955 Mar. 29, 1956 Apr. 19, 1956 Apr. 28, 1956 May 2, 1956 May 6, 1956 May 17, 1956 May 17, 1956 May 19, 1956	Evaluation of support area training. Training. Citywide participation in a test exercise and training of civil defense workers. Evaluation of support area training. To test emergency service in a public alert. Evaluation of support area training. Training personnel from the New York State Division of Veterans Affairs and volunteers of the New York State Civil Defense Commission in Message Center. Evaluation of all training held throughout New York City. Evacuation test. Evaluation of support area training. Training volunteers from New York State Department of Public Works and New York State Civil Defense Commission in Commissions Message Center. Evaluation of support area training.	Support area for New York City. Support area for city of Buffalo. Support area for city of Binghamton. New York State Civil Defense Commission Headquarters. Now York City. Support area for city of Rochester. Support area for New York City. Interim Control Center of New York State Commission.	500	Do. 1 day. Do. Do. Do. Do. Do. Do. Do.
Washington County_Middletown Chautauqua County_White Plains	Nov. 4-5, 1955 Nov. 13, 1955 Nov. 17, 1955 Nov. 18-19, 1955 Nov. 25-26, 1955 Mar. 29, 1956 Apr. 19, 1956 Apr. 28, 1956 May 2, 1956 May 6, 1956 May 17, 1956 May 17, 1956 May 19, 1956	Evaluation of support area training. Training. Citywide participation in a test exercise and training of civil defense workers. Evaluation of support area training. To test emergency service in a public alert. Evaluation of support area training. Training personnel from the New York State Division of Veterans Affairs and volunteers of the New York State Civil Defense Commission in Message Center. Evaluation of all training held throughout New York City. Evacuation test. Evaluation of support area training. Training volunteers from New York State Department of Public Works and New York State Civil Defense Commission in Commissions Message Center. Evaluation of support area training.	Support area for New York City. Support area for city of Buffalo. Support area for city of Binghamton. New York State Civil Defense Commission Headquarters. Now York City. Support area for city of Rochester. Support area for New York City. Interim Control Center of New York State Commission.	500	Do. 1 day. Do. Do. Do. Do. Do. Do. Do.
Washington County_Middletown. Chautauqua County_White Plains_Tompkins County	Nov. 4-5, 1955 Nov. 13, 1955 Nov. 17, 1955 Nov. 18-19, 1955 Nov. 25-26, 1955 Mar. 29, 1956 Apr. 19, 1956 Apr. 28, 1956 May 2, 1956 May 17, 1956 May 17, 1956 May 19, 1956 May 26, 1956 May 26, 1956 May 26, 1956 June 26, 1956 June 27, 1956	Evaluation of support area training. Citywide participation in a test exercise and training of civil defense workers. Evaluation of support area training. To test emergency service in a public alert. Evaluation of support area training. Training personnel from the New York State Division of Veterans Affairs and volunteers of the New York State Civil Defense Commission in Message Center. Evaluation of all training held throughout New York City. Evacuation test. Evaluation of support area training. Training volunteers from New York State Department of Public Works and New York State Civil Defense Commission in Commissions Message Center. Evaluation of support area training. — do — d	Support area for New York City. Support area for city of Buffalo. Support area for city of Binghamton. New York State Civil Defense Commission Headquarters. New York City. Support area for city of Rochester. Support area for New York City, Interim Control Center of New York State Commission. Support area for city of Binghamton. do	500	Do. 1 day. Do. Do. Do. Do. Do. Do. Do. D
Washington County_Middletown Chautauqua County_Middletown Chautauqua County_ White Plains_ Tompkins County_ State of New York New York City Monroe County Rockland County State of New York Tompkins County Chenango County Chenango County Seneca County ddition to the above expresses expresses from July 1, 1955, thro Most of these expresses not available. Service oparticipants ranging fro	Nov. 4-5, 1955 Nov. 13, 1955 Nov. 17, 1955 Nov. 18-19, 1955 Nov. 25-26, 1955 Mar. 29, 1956 Apr. 19, 1956 Apr. 28, 1956 May 2, 1956 May 6, 1956 May 17, 1956 May 19, 1956 May 19, 1956 May 26, 1956 May 26, 1956 June 26, 1956 June 27, 1956	Evaluation of support area training. Training. Citywide participation in a test exercise and training of civil defense workers. Evaluation of support area training. To test emergency service in a public alert. Evaluation of support area training. Training personnel from the New York State Division of Veterans Affairs and volunteers of the New York State Civil Defense Commission in Message Center. Evaluation of all training held throughout New York City. Evacuation test. Evaluation of support area training. Training volunteers from New York State Department of Public Works and New York State Civil Defense Commission in Commissions Message Center. Evaluation of support area training.	Support area for New York City. Support area for city of Buffalo. Support area for city of Binghamton. New York State Civil Defense Commission Headquarters. New York City. Support area for city of Rochester. Support area for New York City, Interim Control Center of New York State Commission. Support area for city of Binghamton. do	500	Do. 1 day. Do. Do. Do. Do. Do. Do. Do. D
Washington County_Middletown	Nov. 4-5, 1955 Nov. 13, 1955 Nov. 17, 1955 Nov. 18-19, 1955 Nov. 25-26, 1955 Mar. 29, 1956 Apr. 19, 1956 May 2, 1956 May 17, 1956 May 17, 1956 May 17, 1956 May 17, 1956 May 18, 1956 May 19, 19	Evaluation of support area training. Citywide participation in a test exercise and training of civil defense workers. Evaluation of support area training. To test emergency service in a public alert. Evaluation of support area training. Training personnel from the New York State Division of Veterans Affairs and volunteers of the New York State Civil Defense Commission in Message Center. Evaluation of all training held throughout New York City. Evacuation test. Evaluation of support area training. Training volunteers from New York State Department of Public Works and New York State Civil Defense Commission in Commissions Message Center. Evaluation of support area training. do. do. do. codo. crous local exercises in New York State, some could be commission of the training of people assigned for the training of people assigned se Commission directed a number of exercises as	Support area for New York City. Support area for city of Buffalo. Support area for city of Binghamton. New York State Civil Defense Commission Headquarters. New York City. Support area for city of Rochester. Support area for New York City, Interim Control Center of New York State Commission. Support area for city of Binghamton. do	300	Do. 1 day. Do. Do. Do. Do. Do. Do. Do. D

Approved For Release 2003/07/29: CIA-RDP80B01676R001000030001-9 EXERCISES REPORTED—Continued

Location	Operation name and date	Object or description	Area or facilities involved	Approximate number of participants	Тин
		REGION 2			
Maryland: Baltimore County	"Operation Seascape," Aug. 27, 1955.	Evacuation of people, using 60 small boats. Civil defense welfare, medical, fire, and police services were activated for exercise.	Area surrounding Glenn L. Martin plant.	900	
		REGION 3			
Plorida: Orlando Do Daytona Beach, Volusia County, Orlando Heorgia: Atlanta Savannah Iorth Carolina: Charlotte	Jan. 31, 1956	To test evacuation of schools. Evacuate Ferncreek Elementary School To test time to mobilize and train fixed support team. Evacuate Concord Park Elementary School. Evacuate all school children in Atlanta Evacuate all Savannah school pupils by railroad and automobiles, pupils walking to railroad yards. Evacuate uptown business district, walking to loading areas.	5 schools	726 pupils	15 minute 14 minutes 3 minutes 30 minutes
		REGION 4			
llinois: Peoria	Feb. 26, 1956 June 24, 1956	Radiological monitoring and decontamina- tion demonstration for "simulated" evac- uees from fallout area. Loctures on radio- active fallout hazards and protective measures.			1 day.
~pruguett	J uno 24, 1900	Evacuate participants in civil defense meet- ing at State Office Building to State Fair Grounds because of simulated "Fallout Area." Mass feeding demonstration con- ducted for participants at reception area.	State Office Building	250	170.

Michigan:	- "Operation Good Neighbor," Mar. 10, 1956.	furniture from old St. Mary's Hospital across the city to new St. Mary's Hospital using 110 trucks and truck trailers.	1 complete hospital with patients and equipment.	700	I day.
Muskegon	July 19-20, 1955	field expedients and lectures on sanitation		80	2 days.
	Sept. 24, 1955	Feeding demonstration sponsored jointly by Boy Scout troops and local civil defense		300	l day.
	Sept. 30 and Oct. 1, 1955	Feeding demonstration for instructors, sponsored by FODA region 4, with construction of field expedients, lectures on santation, water supply, radiological fallout, mass layouts, and foods to save.		80 in instructor's course	2 days.
Albion	"No Second Chance," Jan. 10, 1956.	General Demonstration. Sirens sounded alert of simulated attack. Schools evacuated; radio station simulated CONELRAD broadcast, fire, rescue, and first aid teams reported for duty. National Guard participated.	Speech Department of Albion College, Calhoun County Civil Defense organization.	4,000	i day.
Milwaukee	June 9, 1956	Evacuces from Milwaukee reported to reception area (State Fair Grounds, West Allis, Wis.) Demonstration in registration, information, and mass feeding, including construction of field expedients, lectures on sanitation, water supply, and radiological contamination.		300	l day.
		REGION 5			
New Mexico: Los Alamos	Oct. —, 1955		City of Los Alamos		
	"Operation Recess," Dec. 7, 1955. June 1956.	School children were evacuated from the town. In a surprise alert, entire base, including civilian employees. Military personnel and critical equipment were evacuated to a relocation site.	Schools	1,300	81

EXERCISES REPORTED-Continued

Approved For Release 2003/07/29 : CIA-RDP80B01676R001000030001-9 STOCKPILING

Approximate number of participants 125 (30 cars). Area or facilities involved and Air Force base. 8 square miles Cities of T Estonville. TERRITORIES AND POSSESSIONS Evacuate people by autos to reception center, practice for registration, and simulated mass feeding operation. pue Evacuation and treatment of simulated vic-tims from bomb area and movement to emergency field hospital. Instructor's course on construction of field expedients, lectures on satisfation, food contamination, water supply, radiological fallout, mess layouts, and foods to serve. personnel REGION 7 REGION 6 Object or description civil and military to reception areas. 27, name and date 'Green Light," Sept. 1955. Sept. 12, 1955. 24, 1553. Nov. 16-17, Feb. Pierce County Location Puerto Rico: Ramey AFB. Iowa: Des Moines Oregon: Portland... Denver. Washington Colorado:

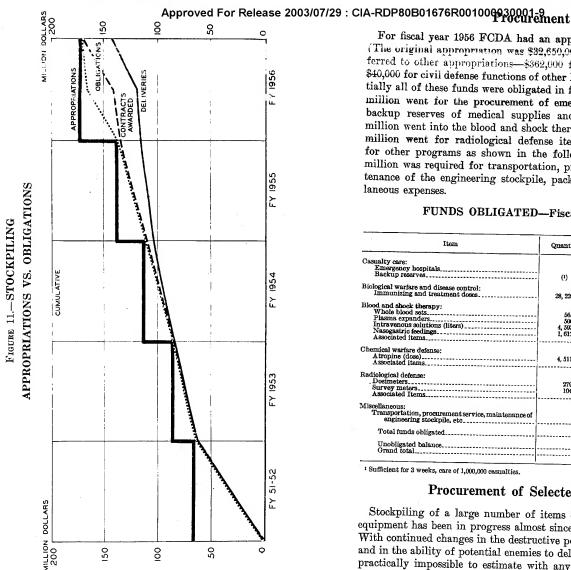
The Federal Civil Defense Act of 1950 authorizes the FCDA administrator to "procure by condemnation or otherwise, construct, lease, transport, store, maintain, renovate or distribute materials and facilities for civil defense," * * *. Under this authorization FCDA has proceeded to buy and store large quantities of emergency supplies and equipment for use in time of need.

Congressional appropriations available for this program have totaled \$172,148,000 through fiscal year 1956. Through June 30, 1956, about \$170,000,000 of these funds had been obligated—approximately \$163,000,000 for medical supplies and equipment and nearly \$7,000,000 for engineering supplies. No engineering supplies were purchased under this program in fiscal years 1954 and 1955. Small amounts were ordered in fiscal year 1956 and additional funds were spent for maintenance and relocation of equipment purchased in former years.

Contracts were awarded for about \$170,000,000 worth of materials. Materials costing approximately \$144,000,000 had been delivered by June 30, 1956.

STATEMENT AS OF JUNE 30, 1956

	Prog			
Description	Medical supplies and equipment	Engineering supplies	Total	
Appropriations;				
Fiscal year 1951-52 Fiscal year 1953			\$66, 400, 00	
Fiscal year 1953	••••••		20,000,00	
Fiscal year 1954			27, 500, 00	
riscal vear 1955			26, 000, 00	
Fiscal year 1956			1 32, 248, 00	
Total			172, 148, 00	
Funds obligated:		-		
Fiscal year 1951-52	\$60, 095, 244	\$5, 563, 537	65, 658, 78	
Fiscal year 1953	18, 572, 849	999, 316	19, 572, 16	
Fiscal year 1954	27, 005, 355	3 10, 951	27, 016, 30	
Fiscal year 1955	25, 674, 800	20,001	25, 674, 50	
Fiscal year 1956	31, 774, 126	132, 116 267, 439	32, 173, 68	
Total	160 100 084			
	163, 122, 374	6, 973, 359	170, 095, 73	
Contracts awarded:				
Fiscal year 1951-52	66, 095, 244	5, 563, 537	65, 658, 78	
Fiscal year 1953	18, 572, 849	999, 316	19, 572, 16	
Fiscal year 1954.	27, 005, 355	2 10, 951	27, 016, 30	
Fiscal year 1955	25, 674, 800		25, 674, 80	
Fiscal year 1956.	31, 769, 126	132,116	32, 168, 68	
		2 267, 439		
Total	163, 117, 374	6, 973, 359	170, 990, 73	
Deliveries:				
Fiscal year 1951-52	59, 917, 266	5, 544, 979	65, 462, 24	
Fiscal year 1953	18, 379, 480	982, 497	19, 361, 97	
Fiscal year 1954	26, 974, 223	10, 951	26, 985, 17	
Fiscal year 1955	21, 176, 488	- 10, 501	21, 176, 48	
Fiscal year 1956.	10, 907, 698	175, 514	11, 083, 21	
Total	137, 355, 155	6, 713, 941	144, 069, 09	



For fiscal year 1956 FCDA had an appropriation of \$32,248,000. (The original appropriation was \$32,650,000 but \$402,000 was transferred to other appropriations-\$362,000 for FCDA operations and \$40,000 for civil defense functions of other Federal agencies.) Essentially all of these funds were obligated in fiscal year 1956. Over \$18 million went for the procurement of emergency hospitals and for backup reserves of medical supplies and equipment. Nearly \$5 million went into the blood and shock therapy program, nearly \$41/2 million went for radiological defense items and smaller amounts for other programs as shown in the following table. About \$2.4 million was required for transportation, procurement service, maintenance of the engineering stockpile, packaging, and other miscellaneous expenses.

DEFENSE ADMINISTRATION

FUNDS OBLIGATED—Fiscal Year 1956

Item	Quantity	Cost	Total
Casualty care:			
Emergency hospitals	200	\$3, 737, 023	
Backup reserves	(1)	14, 363, 654	\$18, 100, 67
Biological warfare and disease control:			720,200,0,
Immunizing and treatment doses.	28, 220, 000	1 000	
	20, 220, 000	1, 892, 410	1,892,41
Blood and shock therapy:			
Whole blood sets	565, 200	932, 160	<u></u>
	500,000	910,000	
Nasogastric feedings	4, 593, 124 1, 612, 614	1, 696, 549 833, 631	
Associated items	1,012,014	491, 708	4, 864, 049
Chemical warfare defense:			1,001,010
Atropine (dose)			
Associated items	4, 511, 600	108, 986 318, 100	
		010, 100	427, 086
Radiological defense:			
Dosimeters Survey meters	279, 447	1, 597, 423	
Associated Items	104, 408	2, 720, 502 164, 181	
discellaneous:		104, 181	4, 482, 106
Transportation, procurement service, maintenance of			
engineering stockpile, etc.			
		2, 407, 354	2, 407, 354
Total funds obligated			32, 173, 681
Unobligated balance			
Grand total			74, 319
			32, 248, 000

Sufficient for 3 weeks, care of 1,000,000 casualties.

Procurement of Selected Items

Stockpiling of a large number of items of medical supplies and equipment has been in progress almost since the creation of FCDA. With continued changes in the destructive power of nuclear weapons and in the ability of potential enemies to deliver them, it has become practically impossible to estimate with any degree of accuracy the

number of casualties which may resulfApproved SonRettas @2003/07/29: CIARDREAD 1676 R001 10000 30001-9 quently it is impossible to establish meaningful requirements for such an eventuality. However, some progress has been made in procuring a large number of items which, in the judgment of FCDA officials, form a balanced program to take care of the most likely needs, in the event of attack.

Progress in the procurement of some of the more important selected items is shown in the following table. The number of items ordered and the number delivered relate to the entire period from the beginning of the program to June 30, 1956.

There is of necessity a sizable lag between orders and deliveries of most items. Deliveries of several items have kept pace reasonably well with orders, but in some cases deliveries are far behind. Only 201 of the 932 emergency hospitals ordered had been completely assembled and delivered ready for immediate use. The completion of one of these units requires the procurement and assembly of large numbers of individual items, followed by sorting, packaging, and grouping of the items in the unitization process. Although 32,500 gas masks had been ordered, none of them had been delivered by June 30, 1956.

PROCUREMENT PROGRESS—SELECTED ITEMS

Item	Unit of measure	Ordered number ¹	Delivered number
Civil defense emergency hospitals. Burn dressings (large and small). Blood recipient sets. Blood derivatives (plasma and serum albumin). Plasma expanders (PVP and dextran). Gas masks. Radiological dosimeters. Radiological survey meters. Atropine Vaccines and antitoxins. Paper blankets. Litters	do	932 8, 495, 000 2, 625, 140 1, 591, 427 4, 294, 146 32, 500 344, 000 124, 593 637, 036 54, 412, 500 1, 597, 611 227, 402	201 7, 784, 972 2, 089, 596 1, 510, 013 3, 770, 277 102, 624 30, 020 500, 000 2 26, 080, 000 1, 584, 555 152, 900

¹ From beginning of program to June 30, 1956.
² Stored in custody of manufacturers.

Distribution of Radiological Instruments

In appropriating FCDA stockpiling funds for fiscal year 1956 the Congress (in Public Law 112, 84th Cong.) provided for the procurement of radiological instruments and detection devices by the Federal Civil Defense Administrator, and for the distribution of such instruments and devices to the several States and Territories, by loan or grant, for training and educational purposes, under such terms and conditions as the Administrator shall prescribe.

Under this authority FCDA proceeded to buy substantial quantities of radiological instruments and to make them available to the States scheduled courses meeting standards approved by FCDA. Certain equipment has been granted to each State for continuing use, and additional quantities are loaned to States scheduling concurrently more than one training course.

As of June 30, 1956, FCDA had granted to the States 6,672 dosimeters, 713 dosimeter chargers, and 6,379 survey meters. On loan to the States were 417 dosimeters, 190 chargers, and 3,133 survey meters.

RADIOLOGICAL INSTRUMENTS LOANED OR GRANTED TO STATES

Region and State	Dosi	meters	Dosimete	er chargers	Survey meters	
	Loan	Grant	Loan	Grant	Loan	Grant
Grand total	417	6, 672	190	713	3, 133	6, 37
Total—Continental United States.	417	6, 668	190	708	3, 121	6, 31
Region 1	146	3, 440	39	284	173	3, 57
Connecticut						
Maine		200		163		.] 370
Massachusetts						650
				18		1, 450
		800	- 	11	25	276
		1 000	30	20	50	509
RDoge Island	110	120	30		78	146
Vermont	30	120	a-	63		170
Region 2					20	
l.	183	672	18	44	670	972
Delaware						
District of Columbia		12			26	
		12		9	9	62
		200		5		54
			.8	5	60	250
Pennsylvania		400	10	10	214	450
		24 32		15	300	74
West Virginia		32			42	82
					19	
Region 3.					11	
Alahama Florida						
Florida Georgia						
Georgia Mississippi			••••••			
					- 2	
North Carolina South Carolina						
South Carolina Tennessee						
Tennessee						
Perion 4						
Region 4	20	628	118	270	1, 568	798
Illinois						
		500		245	88	600
		28		17		78
WI ISSOUTI .	4	20		5	71	70
Wisconsin	12		75	3	1, 295	50
E.,	4	80	43		114	
legion 5	38	28	8	20	92	78
Arkansas			i	40	92	78
f Attigiona	16.	28	2 '	207	n() .	78
Louisiana New Mexico					12	10
Oklahoma	4				**	
	24					

ANNUAL REPORT, 1956

TO STATES-Continued

Region and State	Dosim	eters	Dosimeter	chargers	Survey meters	
	Loan	Grant	Loan	Grant	Loan	Grant
Region 6	6	320	4	47	203	670
ColoradoIowa	2	44	1	5	2 26	144
Kansas Minnesota Nebraska North Dakota	4	32 200 4	3	19	61 44 50 10	82 50 250 54
South Dakota Wyoming		40		23	10	90
Region 7	24	1,580	3	43	404	230
ArizonaCaliforniaIdabo	12	1, 500	3	3	5 80 5	150
Montana Nevada Oregon		80			25 264	80
Utah Washington	8				5 15	
Territories and possessions		4		5	12	60
Alaska American Samos Canal Zone Guam Hawaii Puerto Rico		4		5	8 2	54

Prepositioning of Civil Defense Emergency Hospitals

In June 1956, FCDA announced a new program for distribution of civil defense emergency hospitals. The objective is to store these 200-bed hospitals at strategic points throughout the country in or near facilities which can be converted to hospital use in an emergency.

The plan is designed for the safe permanent storage of a hospital in unopened original containers at or near the place of eventual usage where it can be unpacked and put into operation with a minimum of delay in the event of an emergency. Storage sites are to be not closer than 15 miles to a Critical Target Area nor farther than 50 miles from the area to be supported. At least 15,000 square feet of acceptable space must be available for hospital operations. Actual storage space required for the packaged hospital is slightly over 1.800 cubic feet.

The plan is to be implemented through formal agreements with the States. Each State may obtain one or several of these hospitals for storage within its borders by signing an agreement with FCDA under which the State accepts responsibility for adequate custodial maintenance, and protective care according to established criteria. All acquisition and delivery costs are borne by the Federal Govern-

FEDERAL CIVIL DEFENSE ADMINISTRATION Approved For Release 2003/07/29: CIA-RDP80B01676R001000030001-9
RADIOLOGICAL INSTRUMENTS LOANED OR GRANTED held. Subsequent costs for storage, care, and protection are borne by the State. Title to the property remains with the Federal

Government.

It is the responsibility of the State to develop plans for the utilization of the hospitals during a civil defense emergency. Such plans are coordinated and approved by FCDA. Under terms and conditions prescribed by FCDA the hospitals may be made available for use in a natural disaster following declaration of a major disaster by the President under Public Law 875, 81st Congress.

Civil Defense Emergency Hospitals on Loan to States

During late 1955 and early 1956, a program was developed for distributing emergency hospitals to the States for purposes of display, education, and training.

Principal objectives are to develop in the field an understanding of techniques, requirements, and staffing patterns for setting up these hospitals in event of emergency. A State can obtain one or more of these hospitals by ssigning a formal loan agreement under which it accepts custody of the hospital for civil defense display, educational, and training purposes, agrees to pay charges for transportation from one city to another within the State, and accepts responsibility for loss or damage to the hospital or any of its components. Under this arrangement one-half the costs to a State may be returned under the Federal contributions program.

A total of 50 civil defense emergency hospitals has been set aside or approved for loan to the States for training and display purposes. As of June 30, 1956, 35 hospitals had actually been distributed to the States or shipment arrangements were in process.

Initial destinations were as follows:

Region 1 Region 3 Torrington, Conn. Atlanta, Ga. Somerville, N. J. Memphis, Tenn. Providence, R. I. Region A Barre, Vt. Indianapolis, Ind. Region 2 Detroit, Mich. Wilmington, Del. Rolla, Mo. Washington, D. C. Region 5 Sykesville, Md. Baylor, Tex. Chillicothe, Ohio Houston, Tex. Altoona, Pa. Butler, Pa. Region B Reading, Pa. Greeley, Colo. Charleston, W. Va Cedar Rapids, Iona

Approved For Release 2003/07/29: CIA-RDP80B01676R001000030001-9

Region 6---Continued Topeka, Kans. Moose Lake, Minn. Oak Terrace, Minn.

Omaha, Nebr.

Region 7 Chandler, Ariz. San Francisco, Calif. Bolse, Idaho Warm Springs, Mont. Approved:For Released2003/07/29 : CIA-RDP80B01676R001000030001-9

Reno, Nev. Salem, Oreg. Salt Lake City, Utah Seattle, Wash.

Territories and possessions Honolulu, Hawaii

Other Amprior, Ontario, Canada

Warehousing

AMBUAU BEFURL LEGY

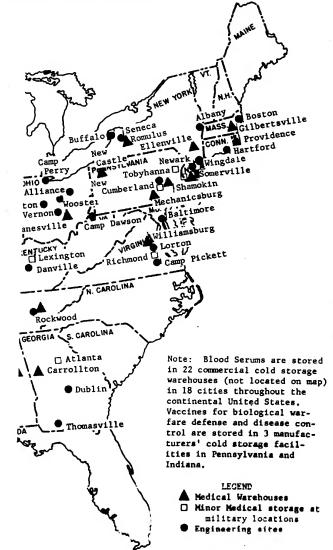
Most of FCDA's stockpiled materials are stored in 38 medical warehouses and at 32 engineering storage sites in Continental United States. Small quantities of medical supplies are in two warehouses in Hawaii and Puerto Rico. In addition, blood serums are stored in commercial cold storage warehouses in 18 cities, and vacancies are stored in several manufacturers' cold storage facilities.

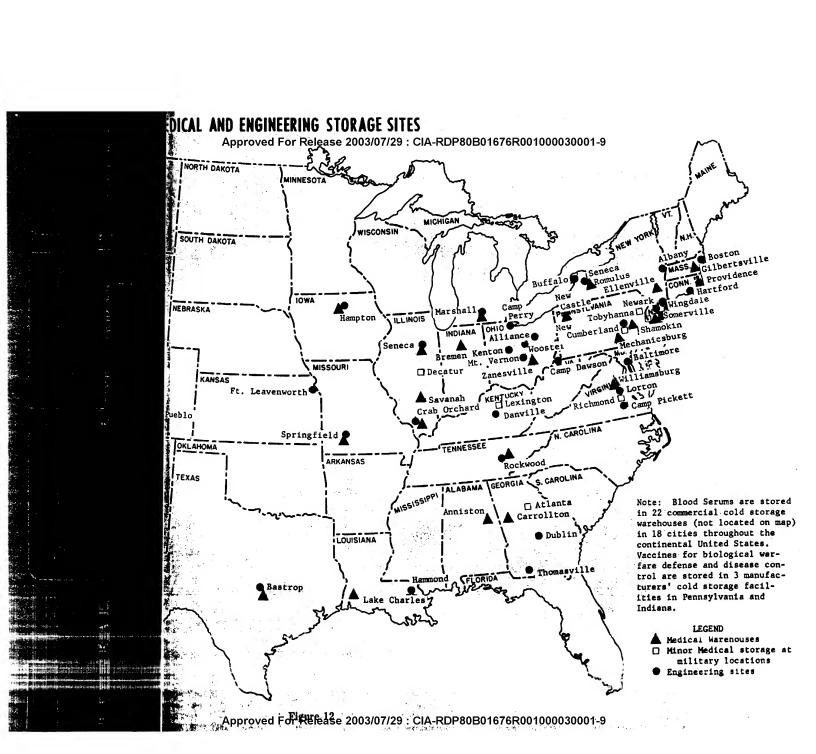
Requirements for medical warehousing space have increased continuously over the years. As of June 30, 1956, total warehousing space available for this program was about 16,746,000 cubic feet. Of this amount 11,621,000 cubic feet were scheduled for occupancy.

Medical supplies and equipment are stored generally outside of Critical Target Areas but scattered through the country and near enough to large concentrations of people to be accessible in an emergency. Some of the warehouses are filled beyond normal capacity while others, acquired more recently, have a considerable amount of space. Figure 14 indicates the extent of space occupied in the individual facilities as of May 31, 1956, and the space scheduled for occupancy by June 30, 1956.

FINANCIAL AID TO STATES AND CITIES

The purpose of the Federal contributions program is to help the States and their political subdivisions to acquire essential civil defense material and equipment and help them promote civil defense education and training. The program operates under authority of the Federal Civil Defense Act of 1950 (Public Law 920, 81st Cong.) which authorized the Administrator of FCDA to make financial contributions to the States for civil defense purposes on the basis of programs and projects approved by the Administrator.





ontinued

y, Utah

l possessions waii

tario, Canada

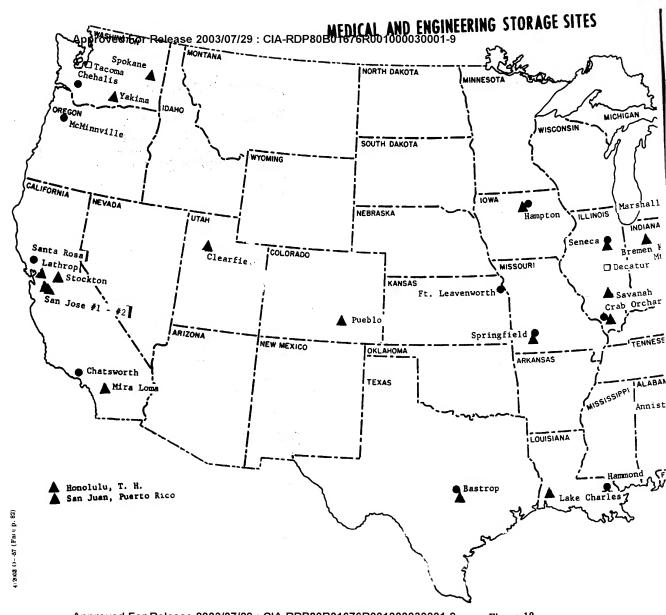
3 medical wared United States. ouses in Hawaii d in commercial stored in several

increased conreliousing space c feet. Of this ancy.

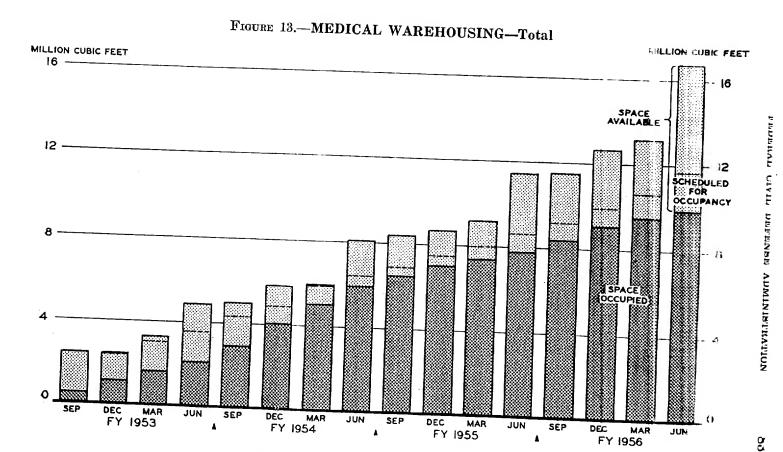
ally outside of untry and near eccessible in an normal capacity rable amount of pied in the indie scheduled for

CITIES

n is to help the tial civil defense efense education y of the Federal oug.) which aual contributions are of programs

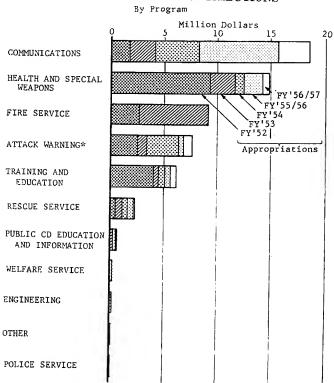


Approved For Release 2003/07/29: CIA-RDP80B01676R001000030001-9



Approved For Release 2003/07/29 : CIA-RDP80B01676R001000030001-9

FIGURE 15—FEDERAL CONTROL Release 2003/07/29: CIA-RDP80B01676R001000030001-9 ADMINISTRATION



* Data for FY 1954 include obligations from the reappropriation in FY 1955.

Federal Funds Obligated—By Region

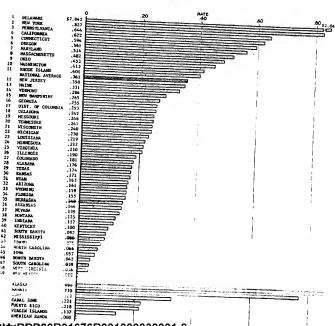
Fiscal Year 1952 Through Fiscal Year 1956

Three-fourths of the total Federal contributions went to the States in FCDA Regions 1, 2, and 7. These are the States with neavy concentrations of population in the northeastern United States and on the west coast. New York, California, and Pennsylvania, in that order, were the three States receiving the largest amounts of Federal funds.

FCDA region	Federal funds obliga 1952 through fisc	ated fiscal year al year 1956
	Amount	Percent of total
Total Region 1 Region 2 Region 3 Region 5 Region 5 Region 6 Region 7 Territories and possessions	\$60, 442, 666 19, 870, 573 14, 747, 776 3, 376, 637 5, 844, 348 2, 925, 820 1, 800, 497 10, 541, 429 1, 335, 586	32. 9 24. 4 5. 6 9. 7 4. 8 3. 0 17. 4 2. 2

The project applications approved during fiscal year 1956 were from funds which would come out of the 1955-56 appropriation of \$12,000,000 and the 1956-57 appropriation of \$12,400,000.

FIGURE 16 FEDERAL FUNDS OBLIGATED PER CAPITA*



Approved For Release 2003/07/29: CLATROP80B01676R001000030001-9nd U. S. BUTERU OF the Compute sections

Up to September 30, 1955, each Standard ed Fan Select se 2003/07 amount out of the 1955/56 appropriation against which project applications could be submitted. It became evident, however, that some States were not going to use all of the funds allotted while others had need of more than their initial allotments. During the second quarter of fiscal year 1956, therefore, FCDA regional administrators authorized to approve project applications from the States on a firstcome first-served basis in order to permit the States, with programs and projects ready, to move forward.

The 1956-57 appropriation of \$12,400,000 became available for obsgation as of July 1, 1955. Allocations from this appropriation have been made to each region without specifying amounts available for each State. Regional administrators were authorized to approve applications against this appropriation on a first-come first-served basis within certain limits of maintaining balanced programs and assisting all States in moving ahead with their projects as they because ready.

Summary—All Programs

In the tables which follow, detailed statistics on the Federal contributions program are presented showing the extent of Federal funds obligated from the inception of the program through fiscal year 1854. Data are given for each program, broken down by FCDA region and State. Data are shown also on the progress of each State in procuring some of the more important items available for procurement in each program.

Ragion and State	Dollar v	alue of Feder	al funds oblig	gated (by fise	cal year appr	OPT Inthesia
Region and State	Total	1956/57 1	1955/56 1	1955 2	1954 2	1963 and
Total	60, 442, 666	4, 992, 204	11, 828, 660	1, 132, 059	8, 081, 103	21,000,000
Region 1	19, 870, 573	2, 089, 211	3, 570, 070	249, 101	1, 935, 229	12,634,500
Connecticut. Maine Massachusetts. New Hampshire. New Jersey. New York Rhode Island Vermont.	339, 158 107, 972	202, 792 46, 040 327, 487 35, 670 125, 901 1, 298, 789 19, 864 32, 668	192, 549 118, 246 269, 363 36, 650 305, 318 2, 566, 636 50, 062 31, 246	26, 050 7, 674 35, 575 9, 335 17, 035 152, 465	207, 763 54, 808 187, 033 27, 252 236, 202 1, 119, 418 96, 864 5, 889	74.20 八八郎 八八郎 八八郎 八八郎 八八郎 八八郎 八八郎 八八郎 八八郎
Delawara	14, 747, 776	1, 238, 567	3, 454, 541	467, 352	1, 375, 274	121
District of Columbia Kentucky Maryland Ohio Centrylvania organia Wast Vinginia	790, 079 215, 985 301, 855 1, 370, 669 4, 061, 589 7, 132, 828 752, 789 71, 982	141, 676 1, 528 7, 925 132, 218 210, 828 572, 580 38, 042 33, 764	168, 963 34, 777 159, 931 162, 074 1, 275, 236 1, 297, 650 1, 597, 650	26, 927 7, 000 25, 095 42, 546 382, 287 33, 547	25, 299 1, 230 10, 607 145, 866 302, 471 761, 292 115, 509 14, 000	但 制 (在 制 (八 通 (4)

FEDERAL CIVIL DEFENSE ADMINISTRATION JA-RDP80B01676R001000030001-9

value of Fe 1956/57 7 324, 77 8 40, 12 96, 66, 23 93, 36 12, 11 80, 86 81, 97 75, 022 64, 497 110, 633 45, 618 72, 004 415, 150 57, 088 71, 329 82, 809 203, 914 144, 863	1 1955/56 22 1,015,0 38 134,7 11 290,3 11 290,3 15 77,0 3 39,7 18,2 4 150,8 1 961,9 2 312,83 3 32,7 3 158,31 8 57,33	1 1955 1015 76, 999 10, 81 4, 74 18, 1020 11, 12, 13, 13, 13, 13, 13, 13, 13, 13	253 651, 8 478 100, 0: 529 82, 7: 80 70, 44 80 70, 44 81, 266, 90 80 406, 40 80 37, 01 81 278, 658 82 284, 911 83 770, 304 84 278, 658 85 284, 911 85 790, 304 86 284, 911 87 790, 304 87 790, 304 88 790, 304 89 2115, 830	1953 and 1952 2 1, 308, 66 21, 248, 77, 22 91, 15 20, 248, 77, 25 6 3, 115, 80 4 248, 74, 26 4 248, 74, 26 4 248, 74, 26 4 248, 74, 26 4 248, 74, 26 4 248, 74
1956/57 7 324,7: 2 40,16 66,22 93,36 12,111 80,86 31,97 371,75,62 66,497 110,633 45,618 72,004 415,150 57,098 71,329 52,809 53,809 54,618 55,009 56,609 57,009 5	1 1955/56 22 1,015, C 23 1,015, C 24 134, 7, 11 200, 3 24 249, 8, 5 27, 0, 0, 0, 1 28, 28, 28, 28, 28, 28, 28, 28, 28, 28,	1 1955 1015 76, 999 10, 881 4, 74 18, 1999 31, 1999 31, 1999 31, 1010 1210 1210 1210 1210 1210 1210 1210	2 1954 2 1954 2 1954 2 1115, 830 4 111, 154 4 1111, 154 4 1111, 154 4 1111, 154 4 111, 154 4 111, 154 4 111, 154 4 111, 154 4 111, 154 4 111, 154 4 111, 154 4 111, 154 4 111, 154 4 111, 154 5 115, 830	1953 and 1952 3 1, 308, 6 21 248, 7: 32 91, 1: 50 326, 321 15 56, 1: 6 8, 547, 26 6 3, 115, 50 6 3, 115, 50 6 3, 115, 50 6 3, 124, 81 30 34, 11, 81 30 34, 11, 81 30 34, 21 5, 00 307, 662 204, 452 204,
2 40, 14 0, 16 66, 24 66, 24 66, 24 93, 34 72, 11 80, 86 83, 19, 77 75, 022 86, 49, 110, 630 45, 618 72, 004 415, 150 57, 038 71, 329 82, 809 203, 914	88 134, 7, 11 200, 3 11 200, 3 11 200, 3 15 15 77, 0 15 15 15 15 15 15 15 15 15 15 15 15 15	99 10, 81 4, 74 18, 120 11, 20	478 100, 0° 329 82, 7° 329 82, 7° 329 82, 7° 48, 80 7° 48, 80 7° 44 61, 7° 44 61, 7° 44 61, 7° 45 65 65 65 65 65 65 65 65 65 65 65 65 65	89 1,308,66 21 248,77 82 248,77 82 91,11 83 326,38 81 25,88 85 47,26 6 3,115,80 7 1,112,49 10,204,84 11,81 15,001
66, 22 93, 39 12, 11 80, 86 31, 97 371, 77 75, 022 68, 497 110, 633 45, 618 72, 004 415, 150 57, 098 71, 329 82, 809 203, 914	38 134, 7 11 290, 3 15 290, 3 15 77, 0 2 3 93, 7 4 150, 8 1 961, 3 1 961, 3 1 150, 8 1 150, 8	99 10, 81 4, 74 18, 120 11, 20	478 100, 0° 329 82, 7° 329 82, 7° 329 82, 7° 48, 80 7° 48, 80 7° 44 61, 7° 44 61, 7° 44 61, 7° 45 65 65 65 65 65 65 65 65 65 65 65 65 65	21 248, 7: 248, 7: 228, 7: 248
66, 22 93, 39 12, 11 80, 86 31, 97 371, 77 75, 022 68, 497 110, 633 45, 618 72, 004 415, 150 57, 098 71, 329 82, 809 203, 914	11 290, 3 11 290, 3 12 249, 8 15 249, 8 15 249, 8 18, 2 18, 2 18, 2 18, 2 1961, 2 2 2 2 3 139, 91 82, 83 312, 86 207, 39 158, 31 857, 70 128, 07 132, 05 135, 73 461, 846	74 18, 120 11, 25 11, 25 12, 20 13, 20 14, 25 12, 21 12, 2	\$229 \$82,71 \$82,72 \$1200 \$235,44 \$80 \$7,00 \$1,86 \$1,96	50 326, 32 11 29, 81 11 29, 81 12 8, 81 15, 61 6 3, 115, 80 7 1, 112, 49 14 962, 484 962, 484 962, 484 962, 484 15, 001 15, 001 16, 001 17, 002 18, 00
12, 11 80, 86 31, 97 371, 77. 75, 02 68, 49; 110, 63 45, 618 72, 004 415, 150 57, 098 71, 329 82, 809 203, 914	249, 8 3 93, 7 4 150, 8 1 961, 2 2 139, 91 5 82, 83 6 312, 80 6 267, 39 158, 31 857, 70 128, 07 132, 65 133, 73 461, 846	74 18, 120 11, 25 11, 25 12, 20 13, 20 14, 25 12, 21 12, 2	235, 44 232, 236, 237 239, 257 20 61, 88 44 61, 79 15 1, 266, 90 406, 40 61, 79 16 37, 01 17 278, 65 18 284, 911 18 284, 911 19 284, 911 11 5, 830 11 5, 830	50 326, 32 11 29, 81 11 29, 81 12 8, 81 15, 61 6 3, 115, 80 7 1, 112, 49 14 962, 484 962, 484 962, 484 962, 484 15, 001 15, 001 16, 001 17, 002 18, 00
12, 11 80, 86 31, 97 371, 77 75, 02 68, 49; 110, 63(45, 618 72, 004 415, 150 57, 008 71, 329 82, 809 203, 914	5 77, 0 3 93, 7 7, 0 3 93, 7 7, 0 128, 0 1 136, 2 1 130, 91 150, 3 12, 80 158, 3 1 1	20 51 51 51 51 51 51 51 51 51 51	235, 44 232, 236, 237 239, 257 20 61, 88 44 61, 79 15 1, 266, 90 406, 40 61, 79 16 37, 01 17 278, 65 18 284, 911 18 284, 911 19 284, 911 11 5, 830 11 5, 830	50 326, 32 11 29, 81 11 29, 81 12 8, 81 15, 61 6 3, 115, 80 7 1, 112, 49 14 962, 484 962, 484 962, 484 962, 484 15, 001 15, 001 16, 001 17, 002 18, 00
31, 97 371, 77 75, 02 68, 49; 110, 63 45, 618 72, 004 415, 150 57, 098 71, 329 82, 809 203, 914	3 93, 7 18, 7 1961, 22 2 139, 91 82, 83 312, 80 3 267, 39 158, 31 857, 70 128, 07 132, 05 135, 73 461, 846	551 11,2 599 31,7 55 128,6 128,6 13 22,1 3 20,4 8 6,5 5 41,85 7 13,03	882 39, 55 20 51, 88 44 61, 78 15 1, 266, 90 90 406, 40 16 37, 01 175 259, 91 18 278, 658 16 284, 918 17 790, 304 2 115, 830	29, 82 6 9, 16 8 547, 26 6 3, 115, 80 6 3, 115, 80 7 1, 112, 49 7 24, 84 1 962, 43 1 334, 21 1 820, 828 1 820, 828
31, 97 371, 77 75, 02 68, 497 110, 633 45, 618 72, 004 415, 150 57, 098 71, 329 82, 809 203, 914	18, 2 10, 961, 2 1 961, 2 1 961, 2 1 39, 91 2 82, 83 3 267, 39 158, 31 857, 70 128, 07 132, 05 135, 73 461, 840	51 339 31,7 55 128,6 11 43,2 23 22,1 33 20,4 8 6,2 0 36,5 5 41,8 7 13,03	20 61,882 61,79 115 1,266,90 916 37,01 75 259,91 82 278,65 92 284,91 91 55 790,304 111,154	6 547, 26 547, 26 6 3, 115, 80 4 1 294, 84 1 962, 43 411, 81 3 334, 21 4 820, 828 1 15, 000 307, 662 204, 452
371, 77. 75, 022 68, 497 110, 636 45, 618 72, 004 415, 150 57, 098 71, 329 82, 809 203, 914	1 961, 22 2 139, 91 82, 83 312, 80 3 267, 39 158, 31 857, 70 128, 077 132, 051 135, 737 461, 840	55 128, 6 11 43, 2 13 22, 1 13 20, 4 8 6, 2 0 36, 5 5 41, 85	44 61, 79 105 1, 266, 90 80 406, 40 106 37, 01 175 259, 91 185 278, 636 186 284, 91 187 790, 304 187 88, 079 188 978, 634 187 88, 079 188 978, 634 188 978, 63	8 547, 26 6 3, 115, 80 7 1, 112, 49 14 294, 84 15 411, 81 2 334, 210 8 820, 822 15, 001 307, 662 204, 452
75, 02: 68, 49; 110, 63(45, 618 72, 004 415, 150 57, 098 71, 329 82, 809 203, 914	2 139, 91 82, 83 312, 80 3 267, 39 158, 31 857, 70 128, 077 132, 051 135, 737 461, 840	55 128, 6 1 43, 2 1 3 22, 1 3 20, 4 8 6, 2 0 36, 5 5 41, 8 7 13, 03	15 1, 266, 90 90 406, 40 37, 01 15 259, 91 18 278, 658 266 224, 91 15 790, 304 115, 830 4 111, 154	6 3, 115, 80 7 1, 112, 49 204, 84 4 962, 83 3 411, 81 334, 21(4 820, 828 15, 001 307, 662
68, 497 110, 630 45, 618 72, 004 415, 150 57, 098 71, 329 82, 809 203, 914	82, 83 312, 80 267, 39 158, 31 857, 70 128, 07 132, 05 135, 73 461, 840	1 43, 2 3 22, 1 3 20, 4 8 6, 2 0 36, 5 5 41, 83	80 406, 40 16 37, 01 75 259, 91 18 278, 658 284, 913 55 790, 304 	1, 112, 49 1, 112, 49 1, 294, 84 1, 962, 43 3, 411, 81 334, 210 820, 828 15, 001 307, 662 204, 452
68, 497 110, 630 45, 618 72, 004 415, 150 57, 098 71, 329 82, 809 203, 914	82, 83 312, 80 267, 39 158, 31 857, 70 128, 07 132, 05 135, 73 461, 840	3 22,1 3 20,4 8 6,2 0 36,5 5 41,8 7 13,03	278, 500 284, 919 5 790, 304 2 115, 830 4 111, 154	820, 826 15, 001 307, 662
110, 636 45, 618 72, 004 415, 150 57, 098 71, 329 82, 809 203, 914	312, 80 267, 39 158, 31 857, 70 128, 077 132, 051 135, 733 461, 840	8 6, 2 0 36, 5 5 41, 83 7 13, 03	278, 500 284, 919 5 790, 304 2 115, 830 4 111, 154	820, 828 15, 001 307, 662 204, 452
45, 618 72, 004 415, 150 57, 098 71, 329 82, 809 203, 914	267, 39 158, 31 857, 70 128, 077 132, 051 135, 737 461, 840	8 6, 2 0 36, 5 5 41, 83 7 13, 03	278, 500 284, 919 5 790, 304 2 115, 830 4 111, 154	820, 826 15, 001 307, 662
72, 004 415, 150 57, 098 71, 329 82, 909 203, 914	158, 31 857, 70 128, 07; 132, 05; 135, 73; 461, 840	5 41, 83 7 13, 03	278, 500 284, 919 5 790, 304 2 115, 830 4 111, 154	820, 828 15, 001 307, 662 204, 452
57, 098 71, 329 82, 809 203, 914	857, 70 128, 077 132, 051 135, 737 461, 840	5 41, 83 7 13, 03	58, 079 2 115, 830 4 111, 154	820, 828 15, 001 307, 662 204, 452
57, 098 71, 329 82, 809 203, 914	128, 07; 132, 05; 135, 73; 461, 840	13,03	58, 079 2 115, 830 4 111, 154	15, 001 307, 662 204, 452
71, 329 82, 809 203, 914	132, 05 135, 737 461, 840	13,03	2 115, 830 4 111, 154	15, 001 307, 662 204, 452
82, 809 203, 914	132, 051 135, 732 461, 840	13,03	2 115, 830 4 111, 154	307, 662 204, 452
203, 914	135, 737 461, 840	1, 96	111, 154	204, 452
203, 914	461, 840			204, 452 293, 711
				293, 711
148, 983	337 077			
		62, 70	316, 558	
18, 187				935, 175
2,951	76, 707 35, 063	5, 30	69, 800	110, 033
1, 493	41,000	11,000	69, 800 53, 359	49, 859
90, 801	41, 026 79, 068	1	- 42,569	267, 013
21, 504	38, 556	46, 403		267, 013 384, 117
4,722	692		- 54, 628	1 89.654
8, 780	46, 476			21, 342
545	19, 485		- 5, 945 - 16, 354	780
365, 136	1 451 400			12, 377
	1, 451, 400	96, 043	1, 647, 596	6, 981, 254
3, 290	52, 953		50 724	
222, 289	908, 973	52, 948	50,734 1,172,890	50, 622
1, 253 1, 216	31, 102		13,584	5, 743, 250
1, 210	40, 481	2, 575	17,711	17, 345
68 355	232, 720			17, 660
	14 559	10, 813	267, 679	356, 036
67, 738			44, 314	54, 726
		10, 943	80, 684	741, 615
38, 664	181,601	10, 152	97, 247	1, 007, 922
				2,001,822
3, 773	5 240	0.50	11, 037	387, 267
3, 773	5, 246	6, 515		
3, 773				
	1, 560 665	6, 515 1, 560	1, 637	7, 191
	1, 560 665 62, 935	1, 560		7, 191 18, 746
3, 773 2, 220 31, 442 1, 229	1, 560 665		1, 637 35, 687 48, 433	7, 191 18, 746 301, 155 292, 982
	68, 355 995	68, 355 13, 720 995 233, 967 67, 738 155, 652 38, 664 181, 601	88, 355 233, 967 10, 813 996 14, 552 12, 764 67, 738 155, 652 16, 943 38, 664 181, 601 10, 152	88, 355 23, 967 10, 813 267, 679 905 243, 967 10, 813 267, 679 14, 552 12, 764 44, 314 67, 738 155, 652 16, 943 80, 684 33, 664 181, 601 10, 152 97, 247 3, 773 5, 246 6, 515 11, 037

as approved by regional administrators prior to entry on official FCDA records at National *Applies hands approved of the first state of the first state of the first contracts, cancellations, and amendments.

*Adjusted for firm contracts, cancellations, and amendments.

	Approved For
ATTACK	WARNING

	: CIA-RDP80B01676R00100003000129MINISTRATION
ATTACK WARNING	ATTO A CIZ TIZA DATENIO

ATTACK WARNING

	Dollar va	lue of Feder	al funds obli	gated (by fise	al year appro	CLINDING)
Region and State	Total	1956/57	1955/56	1955	1954	1569 and
Total	7, 601, 837	651, 982	523, 042	1, 132, 059	1, 876, 052	1 (44 24)
Region 1	1, 885, 041	198, 257	186, 705	249, 101	121, 643	(3),36
Connecticut	157, 893	24, 733	5, 460	26, 050	40, 950	40.20
Maine	157, 893 36, 676 336, 561	3.084	5, 460 9, 494	7, 674	16, 424	
Massachusetts New Hampshire	336, 561 16, 511	16, 603 1, 791	12, 452 3, 187	35, 575 9, 335	2,198	ME ILE
New Jersey New York	176, 102	7, 812 136, 690	51, 739	17, 035	55, 190	44,306
New York	176, 102 1, 065, 750 91, 037	136, 690	98, 524	152, 465	180,084	MC, WC
Rhode IslandVermont	4, 511	5, 474 2, 070	4,375 1,474	967	56, 993	34,000
Region 2	2, 027, 214	243, 332	138, 392	467, 352	164, 725	L OCL DE
Delaware	66, 198	2, 447	1, 743	26, 927	8,466	-
District of Columbia	70 006	2, 447 115		7,000		71, 44
Kentucky Maryland	28, 350 232, 060 561, 234	21, 943	28, 350 4 938	25 095	16.574	-
Ohio	561, 234	21, 943 54, 460	4, 938 5, 211 91, 725 5, 268	25, 095 42, 546 332, 237	16,574 22,781	44.35
Pennsylvania	884, 955	128, 327	91,725	332, 237	102.153 i	300,000
Virginia West Virginia	884, 955 132, 457 43, 034	128, 327 3, 701 32, 339	5, 268 1, 157	33, 547	. 12,181 2,570	7.3
Region 3	470, 591	7, 053	34, 731	76, 253	131, 449	30.10
Alabama Florida	64, 793	737	8, 073 12, 272	10, 478	13, 766	4,10
Georgia	102, 650 104, 000	1, 597	12, 212	4, 529 18, 020	40, 423 33, 667	6, 65
Mississippi	15, 725	l	5, 327	180		III 300
North Carolina	61, 078	3, 861	8, 638	11, 282	24, 212	11 00
South Carolina Tennessee	10, 804 111, 541	858	396 25	20 31,744	10, 3% 8, 953	-
Region 4	989, 134	41, 160	68, 661	128, 615	302, 619	44,470
Illinois	364 711	18, 875	6, 183	43, 280	128, 566	NC. of
Indiana	364, 711 97, 193	1.052	16, 871	22,116	25, 001 21, 733	N. UD
Michigan	170, 388	5, 342 2, 6 99	20, 508	20, 475 6, 208	21, 733	HATE SEE
Missouri Wisconsin	229, 184 127, 658	13, 192	20, 088 5, 011	6, 208 36, 536	98, 058 29, 261	
						Company of the last
Region 5	382, 832	35, 386	35, 463	41, 835	195, 209	21 40
Arkansas Louislana New Mexico	298 57, 556		298 6, 957	13, 032	17, 027	34, 146
Oklahoma	52, 223	11, 636	1, 250	1, 964	36,027	1 34
Texas	272, 755	23, 750	26, 958	26, 839	142, 215	14: 490
Region 6	356, 120	27, 063	8, 227	62, 708	101, 129	174, 100
Colorado	36, 387 48, 837	İ	279	5, 305	2, 163	35, 448
Iowa Kansas	45, 921	1,500 290	2 217	11,000	31, 540 9, 135	4 345
Minnesota	183, 907	19, 953	2, 217 3, 824	46, 403	49, 451	22
Nebraska	183, 907 23, 366	1 .	1, 907		4, 540	14, 600
North Dakota	1, 925	1, 925 3, 395				_
W yoming	3, 395 12, 382				4, 257	\ -
Region 7	1, 335, 441	98, 253	45, 627	96, 043	523, 854	R.M
ArizonaCalifornia	35, 029 1, 057, 673	97, 191	35, 782	52, 948	16, 956 461, 481	NO.
Idaho	14, 252			2, 575		
Nevada						
Oregon Utah	57, 207 21, 000	1,062	2, 338	10, 813	6,590 1	7.3
Washington	150, 271		7, 507	12, 764 16, 943	23,004	HIL SE
Perritories and possessions	155, 464	1, 478	5, 236	10, 152	35, 361	140, 350
Alaska	103, 364	1,478		ű, 515	943	-
A moringn Samos						
Guam	1. 990		, ich	, 500		
Hawaii	4, 728 22, 237				22, 237	(20)
Puerto Rico	20, 435		3, 676	2,077	10, 574	(100
Virgin Islands			A		name !	- 200210
		·	Appro	vea For	-keieas	e 2003/0

	1				1	
Region and State	Recu	rring charges	approved (d	ollars)	Selected ite for pro	ems approve curement
region and state	Total	Fiscal year 1956	Fiscal year 1955	Fiscal year 1954	Sirens (units)	Bell and light in- stallation (units)
Total	629, 211	216, 885	236, 807	175, 519	9, 050	2, 0
Region 1	185, 905	22, 757	86, 480	76, 668	2,833	2
Connecticut	31,935	12, 644	9, 245	10, 046	290	
Maine Massachusetts	8, 899	5, 861	275	2,763	32	i
New Hampshire	1 230		230	2,100	383 20	1
New Jersey New York	2, 513 142, 328	2, 513			288	
Rhode Island	142, 328	1,739	76, 730	63, 859	1,702 104	
Vermont					14	
egion 2	220, 366	93, 179	89, 560	37,627	2, 268	7
Delaware					64	<u>:</u>
District of Columbia Kentucky	175	115		60		
Marvland	74, 554	62 023	5 706	6, 825	18	2
Obio	39, 554 92, 219 12, 707	62,023 11,093 14,473 4,318	5, 706 12, 539	15, 922	315 414	1
Pennsylvania	92, 219	14, 473	66, 260	15, 922 11, 486 3, 334	1, 291	3
Virginia	1, 157	4, 318 1, 157	5, 055	3, 334	143	4
rgion 3	19, 988	9, 584	7 501		23	
abama.	<u>-</u>		7, 591	2, 813	393	1
Florida	5, 964 1, 839	2, 433 1, 101	3, 267	264	52	
Georgia	5, 570	3, 379	1,089	688 1, 102	49 144	
Mississippi North Carolina	180		180	1, 102	10	
North Carolina South Carolina	684	396	288		74	:
Tennessee.	576 5, 175	396 1,879	180 2, 537	759	10 54	
rgion 4	69, 254	26, 147	19, 702	23, 405	1,068	2
Illinois	12, 773	4,388	3, 861	4, 524	290	1
Indiana	4, 477	2, 280	1, 488 1, 731	709	138	
Missouri	7, 157	2, 280 2, 908 9, 342	1,731	2, 518 6, 735	95	
Wisconsin	7, 157 22, 240 22, 607	7, 229	6, 163 6, 459	6, 735 8, 919	254 291	
gion 5	11, 653	5, 825				
Arkansas		0,020	5, 204	624	386	1
Louisiana New Mexico Oklahoma	8, 025	4, 417	3, 608		1 105	
Texas	3, 628	1,408	1,596	624	64 216	
gion 6	5, 639	2,051	1, 193	2, 395	297	19
Coloradolowa	2, 539 283		743	1, 796	33	
Kansas	200			283	71 45	
Minnesota	2, 244	1, 643	450	151	136	. 13
Nebraska North Dakota	548 25	383		165	4	
South Dakota	20	20 .			1	
Wyoming					3	
¢ion 7	110, 248	54, 304	25, 517	30, 427	1,661	28
Arizona.					7	
California.	102, 749	51, 931	22, 863	27, 955	1, 468	24
Idaha						·······
Idaho					10.	
Idaho		·····················	**********	***********	19	
Idaho	1,378	643 1,730	568	167	18 :	**********

Approved For Release 2003/07/19: CIÁ-ROP60B01676R001000030001-9

ATTACK WARNING-Continued

	Recur	ring charges	Selected items segment for procurement			
Region and State	Tótal	Fiscal year 1956	Fiscal year 1955	Fiscal year 1954	Sirens (units)	Bell and held to- stalleness (see the
Territories and possessions	6, 158	3,038	1,560	1,560	124	
Alaska	1,478	1,478			42	
American Samoa	4, 680	1,560	1,560	1,560	22 15 42	

COMMUNICATIONS

	Dollar v	alue of Feder a	al funds obli ppropriation	gated (b y f i	cal year
Region and State	Total	1956/57	1955/56	1954	2903 and 300g
Total	18, 526, 280	2, 823, 092	7, 486, 282	4, 091, 125	CUAM
tegion 1	4, 766, 473	1, 035, 714	1, 461, 365	817, 225	
Connecticut	427, 320	143, 126	124, 690	91, 722	5,30
Maine	116, 646	26, 940	58, 742	23, 460	7,000
Massachusetts	595, 834	197, 711	167, 779	84, 365	15.00
New Hampshire	77, 176 396, 763	26, 990 96, 584	27, 270 115, 398	12, 665 56, 966	IK.
New Jersey	2, 996, 354	506, 761	920, 186	518, 159	1 461 1
New YorkRhode Island		13, 810	27, 246	25, 130	175
Vermont		23, 792	20,054	4,738	1.20
Region 2		622, 198	2, 432, 404	808, 111	70, 100
Delaware	272, 752	73, 024	110, 150	4, 363	66, 201
Delaware	16, 283	1, 413	13, 455	1, 230	100
Kentucky	152, 111		117, 439	10, 607	気機
Maryland	281, 491	45, 944	59, 529	53, 152	122,000
Ohio	1, 416, 828	76, 723	1,084,038	99, 310	\$34, 3W
Pennsylvania	2, 226, 980	420, 192	956, 188	575, 023	21,23
Virginia West Virginia	218, 789	3,477	87,790	58, 281	6 , 34
West Virginia	19, 427	1, 425	3,815	6, 243	1,000
Region 3	1, 700, 132	273, 131	770, 265	402, 912	38.40
Alabama	243, 520	36, 187	95, 979	46, 517	4.
Florida	310, 595	41, 573	212, 562	40, 300	N. 11
Georgia	481,964	83, 553	195, 017	152, 971	-
Mississippi	135, 829	12, 115	44, 535	61, 642	成
North Carolina	151,620	71,689	68, 260	7, 401 51, 498	***
South Carolina Tennessee	69, 353 307, 251	28,014	17, 855 136, 057	42, 583	
Region 4	1, 970, 822	260, 956	652, 083	614, 829	
Illinois	501, 249	45, 408	100, 701	199 754	105,000
Indiana	107, 162	63, 835	26, 803	8, 474	
Michigan	676, 800	98, 750	229, 330	184, 910	100
Missouri	458, 298	34, 232	232, 634	142, 805 79, 596	72
Wisconsin	227, 313	8, 731	62, 615	-	
isegioù d	1, 753, 567		697, 379	501, 802	345,386
trkanger	222, 293	52,672	115, 651		1 1 1
Louisiana	287, 428	54, 766	94, 701	79,142	24,000
New Mexico		.			
Oklahoma	_ 294,551	29, 264	78, 690	49, 037	10,44
Texas	948, 595	172, 364	408, 337	321, 492	

COMMUNICATIONS—Continued

Region and State	Dollar v	alue of Fede	ral funds obl ppropriation	igated (by fis)	cal year
	Total	1956/57	1955/56	1954	1953 and 1952
Begion 6	608, 472	95, 781	255, 570	172, 717	84, 404
Colorado	153, 931 60, 088	17, 382 1, 451 593	63, 218 35, 063	64, 110 20, 488	9, 221 3, 086
Kansas Minnesota Nebraska	67, 050 116, 115 124, 916	57, 274 10, 722	23, 605 40, 018 34, 182	20, 974 2, 534 46, 837	21, 878 16, 289 33, 175
North Dakota	2, 979 57, 058	2, 542 5, 385	437 45, 728	5, 945	
Wyoming	26, 335	432	13, 319	11,829	755
	2, 783, 985	200, 988	1,096,450	733, 778	752, 769
Arizona California	79, 781 1, 838, 096	74, 455	40, 954 736, 452	30, 739 431, 221	. 5, 146 595, 969
Idaho Montana Nevada	45, 399 52, 017 12, 831	1, 153 1, 115	30, 948 40, 373 12, 831	13, 298 5, 822	4, 707
Oregon	471, 194 61, 876		172, 892 10, 462	186, 812 34, 286	47, 287 17, 128
Washington	223, 791	58, 120	51, 538	31, 600	82, 533
Territories and possessions	338, 168	35, 258	120, 766	40, 051	142, 093
Alaska American Samoa		2, 295			70, 563
Canal Zone	4, 174				4, 174
Hawaii	221,040	900 31, 300 763	25, 156 94, 996 614	2, 067 37, 531 453	10, 143 57, 213

COMMUNICATIONS

	Recurr	ing charges	approved	Selected items approved for procurement (units)				
Region and State		Fiscal	Fiscal	Fiscal	Transmitter-receivers			
	Total	year 1956	year 1955	year 1954	Base sta- tion	Mobile	Portable	
Total	521, 432	246, 640	61, 440	213, 352	6, 514	28, 801	8, 428	
Region 1	243, 194	131, 506	6, 471	105, 217	1,306	6, 640	2, 181	
Connecticut	15, 909 2, 025	10, 203 2, 025	5, 384	222	130 54	693 223	219 158	
New Hampshire	15, 961	7,464	1, 067	7,400	291 32	1, 040 149	335 67	
New Jersey New York	4, 428 201, 179	2, 587 107, 023		1, 841 94, 156	187 557	565 3, 688	213 1, 127	
Rhode IslandVermont	3, 181 621	1, 583 621		1,508	44 11	223 59	18	
Region 2	94, 328	37,978	14,963	41,387	1,348	7,667	2, 578	
Delaware District of Columbia	2, 132 4, 037	1, 255 1, 413	524 1, 455	353 1, 169	48	358	54	
Kentucky	9, 208	3, 663	2.553	2,992	62 91	380 287	311	
Maryland	21, 281	15, 453				2, 526	151	
Pennsylvania	55, 686							
Virginia	1, 984	811		1, 173	67 18	269 17	146	

Approved For Release 2003/07/2 : CIA-RDP80B01676R001000030001-9

FEDERAL CIVIL DEFENSE ADMINISTRATION

COMMUNICATION PROCESSION COMMUNICATION COMMUNICATION PROCESSION COMMUNICATION COMMUNICATION COMMUNICATION PROCESSION COMMUNICATION
	Recurr	ing charges	approved	(dollars)	Selected proce	items app irement (c	rosud he Milki
Region and State	Total	Fiscal	Fiscal	Fiscal	Trans	mitter-reco	(rate
		year 1956	year 1955	year 1954	Base sta- tion	Mobile	Portula
Region 3	8,022	2, 448	3, 403	2, 171	849	3, 370	180
Alabama. Florida. Georgia. Mississippi North Carolina. South Carolina. Tennessee.	2, 513 1, 694 836 1, 041	121 1, 255 1, 072	972 326 836 831	1, 420 113 210	131 188 163 60 18 101 188	479 471 1,081 370 130 211 628	***
Region 4.	36, 948	23, 470	4, 655	8,823	643	2,778	O
Illinois.'	4, 102 1, 775	13, 781 7, 517 1, 855 317	4, 282	2, 615 2, 876 2, 247 1, 085	168 66 187 193 29	751 398 843 722 194	15. 35 36 36 37
Region 5	4,849	1, 013	638	3, 198	685	4,006	a
Arkansas Louisiana New Mexico				2, 335	78 112	636	77
Oklahoma Texas	670 1,844	430 583	240 398	863	145 350	630 2, 240	-
Region 6	4, 409	2, 143	1, 476	790	284	1. 237	(2)
Colorado. Iowa Kansas. Mimnesota Nebraska North Dakota South Dakota Wyoming	3, 497			783	33 20 68 59 65	461 / 163 / 105 / 113 / 11 / 136 /	# 4 ET
Region 7	129, 631	48, 082	29, 834	51, 715	1, 136	2,776	Į 27p
Arizona California Idaho Montana Nevada Oregon	126, 020			49, 862	12 864 22 24 7 67	1, 614 96 95	L MA
Utah Washington	3, 611	1, 758		1, 853	20 120	129 180	-
Territories and possessions				51	263	325	107
Alaska. American Samoa Canal Zone. Guam					6	40	
Hawaii	51			51	24 225 1	278 1	=

	EN	NGIN	EER	II	1G					
	fun	ds obli al year	of Feder igated (I appropr	hΨ	Selec	cted item	s appro	ved for p	proc	uremen
Region and State	Total	2 1956/	57 1955/	/56	8-inc stee pipe and fitting	Port blege	n-abl	e chlo	ter orin- ors	Water purifi- cation units
Total	431, 822	2 165, 94	18 265, 8	74	30	0 14	9	40	9	
Region 1	95, 231	45, 14	50,0	36			3	6		
Connecticut Maine Massachusetts New Hampshire	7, 692 6, 237 27, 589	21, 43	00 4, 10 29 5, 00 15 6, 18)2)8 54		1 1 2	3	3		
New Jersey New York Rhode Island Vermont	12, 291 37, 931 2, 677 814		3 9,06 8 22,26 2,67	8 3 7 4			2	3		1
Region 2	150, 455	56, 82	9 93, 62	6	300	5	1 3	12	3	
Delaware District of Columbia	- 2, 136	1, 53							-	
Kentucky. Maryland Ohio. Pennsylvania. Virginia. West Virginia	19, 675 25, 358 14, 368 87, 534 1, 384	7, 17, 21, 25, 12, 38, 13, 42, 1, 050	5 74, 109	0 -	300	1	2	6	2	
Region 3	-			- -						
Alabama	27, 593	18, 705		3 -		- 7				
Florida. Georgia Mississippi North Carolina South Carolina Tennessee	808 14,750 9,354 1,691	808 14, 750 2, 157	7, 197			5 1				
Region 4	59, 920	32, 874		- -		-			= =	
Illnois Indiana Michigan Missouri Wisconsin	7, 199 11, 244 5, 850 3, 627 32, 000	2, 668 911 3, 627 25, 668	-	-		3 5 4	1			
Region 5.	1, 561		1, 561	-		1		-	= =	
Arkansas										
Texas.	1, 561		1, 561			i			- -	
Region 6	14, 416	5, 090	9, 326			3	1		=	
Colorado	136		136	-					-	
Kansas Minnesota Nebraska North Dakota	397 13, 883	5, 090	397 8, 793			3	1			
South Dakota										
legion 7	83, 646	7, 305	75, 341						:-	
Arizona California Idaho	1, 216 32, 104 154	1, 216 354	31, 750 154			16		1		
Montana Nevada Oregon Utah	1.850		1, 850					4	j	
Washington	47, 522	5, 735	41, 787			10				

Approved For Release 2003/07/9 : CIA-RDP80B01676R001000030001-9

	Dollar value of Federal funds obligated (by fiscal year appropria- tion)			Selected items approved for procurement				
Region and State	Total 2	1956/57	1955/56	8-inch steel pipe and fittings!	Porta- ble gen- erators	Port- able pumps	Water chlorin- ators	Webser pearth cutting tables
Territories and possessions								
American Samoa Canal Zone Guam Hawaii								
Puerto Rico Virgin Islands	-			-				1

¹ Number of feet.
² Not programed for fiscal year 1952. Funds obligated for engineering in fiscal year 1953 and 1954 are unfor the services.

FIRE SERVICE 1

	Dollar va obligate appropr	lue of Fede d (by fis istion)	ral funds cal year	Selected	d items s	(units)	for proce	
Region and State	Total	1953	1952	Pump- ers	Port- able genera- tors	Port- able pumps	1½ inch hose (feet)	7
Total	9, 098, 272	6, 494, 909	2, 603, 363	1, 353	324	468	685, 019	2 IM 30
Region 1	2, 554, 623	1, 685, 619	869, 004	378	23	32	124, 500	27/20
Connecticut	167, 136	134, 774	32, 362	15 5	3	1	5, 500	24.60
Maine Massachusetts	249, 898	124, 619	125, 279	32	4	5	26,600	22
New Hampshire New Jersey New York Rhode Island Vermont.	1, 527, 080 81, 443	317, 068 1, 045, 737 40, 150 23, 271	188, 727 481, 343 41, 293	77 233 13 3	16	3 15 8	23,700 57,700 2,500 8,500	II, III
Region 2	2, 431, 246	1, 788, 784	642, 462	361	121	223	224, 730	53,70
Delaware	221, 136	221, 136		32	18	13	19, 300	3.00
District of Columbia Kentucky Maryland Ohio Pennsylvania Virginia West Virginia	66, 223 27, 382 502, 444 1, 489, 036 125, 020	41, 049 27, 382 290, 653 1, 111, 523 97, 041	25, 179 211, 791 377, 513 27, 979	10 3 72 228 15 1	1 17 10 69 6	100 6 99 5	31,900 126,720	NAME OF THE PERSON OF THE PERS
Region 3	489, 812	417, 291	72, 521	71	5	1	42, 100	120,730
Alabama Florida	1,322	1, 322 151, 870		20 19			3, 300 2, 200 19, 100	100
Mississippi North Carolina South Carolina		.1		'. 	.' 	. 1	1,000	1=
Tennessee	211, 079			-	-		52, 150	
Begion 4				- '			21, 700	
filmois Indiana Michigan	. 739, 875 191 079	195 442	5, 636	28	. 2	7 .	5 6,100 1 : 14,400	11 10
Missouri Wisconsin	206, 141	1 129, 772	76, 369	1 26				1 2
	-	=		=,====		=,====		· Callandar

See footnote at end of table

Approved For Release 2003/07/2 : CIA-RDP80B01676R001000030001-9

	Dollar val obligate appropr	lue of Fede d (by fis iation)	eral funds scal year	Selecte	Selected items approved for procurement (units)					
Region and State	Total	1953	1952	Pump- ers	Port- able genera- tors	Port- able pumps	1½ inch hose (feet)	2½ inch hose (feet)		
Regiou 5.	343, 367	287, 390	55, 977	46	12	23	44, 094	128, 988		
Arkansas Louisiana	11,698 181,244	11, 698 125, 267	55, 977	1 24	1 4	12	3, 000 15, 300	10,000 43,800		
New Mexico Oklahoma Texas	49, 849 100, 576	49, 849 100, 576		4 17	4 3	6 5	14, 499 11, 250	42, 388 32, 800		
Region 6	196, 802	130, 658	66, 144	20	4	97	38, 250	85, 455		
Colorado	23, 398 17, 806 66, 330 89, 268	6, 633 17, 806 59, 871 46, 348	16, 765 6, 459 42, 920	4 4 8 2	4	52 43 2	2, 900 3, 500 27, 300 4, 150	6, 900 7, 000 39, 805 20, 000 9, 550		
North Dakota South Dakota Wyoming				1			400	2, 200		
Region 7	1, 477, 459	1, 107, 873	369, 586	219	136	40	145, 450	354, 450		
ArizonaCalifornia	3, 571 1, 234, 607	3, 571 922, 676	311, 931	189	128	17	1, 400 107, 600	4, 150 272, 600		
Idaho Montana Nevada		11, 567		1		10	3, 000	2, 800 4, 000		
Oregon Utah Washington	87, 705 4, 832 135, 177	65, 626 4, 832 99, 601	22, 079 35, 576	10	6 2	6 3	21, 500 1, 700 10, 250	25, 900 4, 600 40, 400		
Territories and possessions	251,044	148, 135	102, 909	52			13, 800	39, 800		
AlaskaAmerican Samoa		38, 369	102, 909	30			1, 400	4, 800		
Canal Zone	10, 579	10, 579 99, 187		1 21			400 12,000	2, 000 33, 000		

The fire service program was in effect only in fiscal years 1952 and 1953.

HEALTH AND SPECIAL WEAPONS DEFENSE

Region and State	Dollar value of Federal funds obligated (by fiscal year appropriation)									
Region and State	Total	1956/57	1955/56	1954	1953 and 1952					
Total	14, 901, 883	533, 571	1, 872, 493	877, 333	11, 618, 486					
Region 1	7, 451, 941	409, 957	1, 411, 594	367, 602	5, 262, 788					
Connecticut	383, 042 38, 662	3, 941 1, 9 09	7, 249 10, 906	53, 810 5, 549	318, 042 20, 218					
Massachusetts	26, 469	2, 908 3, 218 1, 212	19, 223 3, 082 16, 329	6, 639 54, 946	752, 738 13, 530 372, 456					
New York New York Rhode Island	5, 732, 830	396, 465 224	1, 363, 949	236, 931 5, 281	3,745,485					
Vermont.	633		663							
Region 2	3, 307, 144	111,022	464, 001	134, 598	2, 315, 342					
Delaware District of Columbia	100,680	61, 215	7, 791 1, 467	8, 361	49, 478 99, 213					
Kentucky	15, 820 485_831	04 0 750 16,088	40, 760	15, 981	15,070 413,000					

HEALTH AND SPECIAL WEAPONS DEFENSE-Continued

	Dollar ve	alue of Feders	al funds oblig propriation)	ated (by fisc	rj Juri
Region and State	Total	1956/57	1955/56	1954	1953 and 1932
Region 2—Continued	700 197	28, 076	72, 246	87, 995	60,13
Ohio Pennsylvania	790, 137 1, 680, 407	3,405	85.407	20, 096	1, 571, 600
Virginia	103, 332	1,988	16,095	21, 978	0.27
West Virginia.	4,092		321	182	1,540
Region 3	176, 479	1, 071	44,810	19, 401	111, 140
Alabama	582		278	304 .	
Florida	17, 473		14.461		1,003
Georgia	26, 259	1,071	5, 991 15, 863	18,736	40
Mississippi	15, 863 27, 429		7, 616		19, 663
North CarolinaSouth Carolina	27, 429 76		7,010		26
Tennessee	88, 797		601	361	ET, 636
Region 4	696, 640	2,019	90, 537	152, 831	49,353
-			12.843	8,896	N. CO
Illinois	37, 762 58, 657	101	1, 490	1, 188	25
Indians Michigan	234, 494	118	24, 809		300, 542
Missouri	13, 726			2, 268	11, 486
Wisconsin	352,001	1,800	51, 395	140, 479	LIA EE
Region 5	34, 403	1,013	6,080	14,005	13.300
Arkansas	298		298		
Louisiana	9, 882	1,013	4, 174	4, 198	440
New Mexico			553		12.04
Oklahoma	13, 169 11, 054		1,055	9,807	110
Texas	11,004				
Region 6	173, 560	2,845	20, 811	7, 581	107 33
Colorado	18, 371	655	383	1, 204	14, 13
Iowa	830	125	7,550	830 1, 271	F. (2)
Kansas	66, 880	2,065	6,369	4, 276	34. B.I
Minnesota Nebraska	67,025 13,106	2,000			LA part
North Dakota	1,094		255		520
South Dakota	748		748 5, 506		
Wyoming.	5, 506		5, 506		
Region 7	2, 659, 361	3, 969	33, 304	144, 145	2, 177, 141
Arizona.	532	132	126	274	
California	2, 195, 534	1,158	8, 159	101,846	2.064.87
Idaho					
Montana	889	-	889		
Nevada Oregon		205	1, 153	36, 481	112.22
Utah		533	710		4,14
Washington		1,941	22, 267	5, 544	TLH
Territories and possessions	402, 335	1, 175	41, 270	17, 175	312.72
	65, 059		3,777	6,623	34.00
Alaska American Samoa	. 65,059	1			
Canal Zone	7, 191	-+			1 7,10
Guam	777		. 106		
Hawaii	. 263, 349		31, 191	10, 552	- W.
Puerto Rico	65,978		6, 196		
Virgin Islands	. !				

ANNUAL REPORT POTO FOR Release 2003/07/29: CIA-RDP80B0 1876 1000 030001-9 ADMINISTRATION HEALTH AND SPECIAL WEAPONS DEFENSE

		Sel	ected item	s approve	ed for proce	ırement		
Region and State	Casual	ty care		Blood		Chemi- cal war- fare defense	Radio defe	logical ense
	First sid station systems	200-bed emergen- cy hospitals	Recipi- ent sets	Plasma	Expand- ers	Gas masks	Dosim- eters	Survey
Total	6, 712	107	2, 612, 810	313, 510	241, 648	19, 627	7, 628	9, 572
Region 1	2, 273	37	1, 566, 667	207, 792	166, 755	10, 411	1,690	848
Connecticut. Maine. Massachusetts New Hampshire New Jersoy. New York. Rhode Ialand. Vermont.	222 12 413 10 144 1,451 21	10 1 7	10, 045 333, 888 22, 734 1, 200, 000	2, 700 5, 036 200, 000 51	11, 450 22, 765 132, 540	7,047 1,000 35 \$20 1,404	299 179 183 40 816 153	153 97 121 22 177 224 34
Region 2	2, 351	34	383, 793	79, 059	39, 588	6, 687	2, 501	5, 981
Delaware District of Columbia Kentucky	53 40		5, 179 8, 000 6, 836	125 1, 400 306	7, 500	134	322	268 62 5
Maryland Ohio Pennsylvania Virginia West Virginla	171 337 1, 655 75 20	20 14	15, 125 47, 243 301, 410	250 26, 558 50, 235 185	14, 826 15, 822 250 1, 200	50 5, 750 511 242	253 1, 623 216	90 4, 093 1, 373 80
Region 3	286	1	10, 264		400	1,090	23	115
Alabama Florida Georgia Mississippi North Carolina South Carolina	4 1	1	72 192 9,000		400	50 40	7 8 8	11 23 61
Tennessee	221		1,000			1,000		20
Region 4	519	6	105, 186	14, 647	2, 468	16	980	205
Illinois Indiana Michigan Missouri Wisconsin	6 181 217 5 110	6	100 11,000 94,063 10 13	13, 825 144 2	200 2, 268	10 6	127 11 59 	105 25 19
Region 5.	35			-	15	2	138	126
Arkansas Louisiana New Mexico							2 132	10
Oklahoma Texas	35				15	2	4	46
Region 6	157	3	4,000	84	4, 500	950	364	458
Colorado	26		500					
Iowa Kansas Minnesota Nebraska	92 39 3	3	3, 000 500	84	300 4, 200	300 600	15 138	27 247
North Dakota South Dakota Wyoming	2					50	9 25 178	20 150
Hegion 7	623	20	497, 864	4, 578	1, 592	321	1,812	1, 625
Arizona Culiforalu Idaho	ĉ\$Ĉ	20	373,000			36 150	384	200
Montana Newada Oregon IA Washington Washington	R0010	00030	00 <u>1</u> 7-99	4, 544 34	1, 592	100	6	1! 60
Washington	192	8	74, 114			135	1,422	554

Approved For Release 2003/07/29: C

HEALTH AND SPECIAL WEAPONS DEFENSE-Continued

		Sele	cted item	approve	ed for proce	urement		
Region and State	Casual	ty care		Blood		Chemi- cal war- fare defense		logical ense
	First aid systems	200-bed emergen- cy hospitals	Recipi- ent sets	Plasma	Expand- ers	Gas masks	Dosim- eters	Survey meters
Territories and possessions	168		45, 036	7, 350	26, 330	, 150	120	214
Alaska American Samoa	30		12,000	2,000	2,400		20	ø
Canal Zone Guam Hawaii Puerto Rico Virgin Islands	1 100 33		6, 036 27, 000	850 4, 500	23, 930	150	100	106

POLICE SERVICES

Region and State		ue of Fede d (by fis istion)		Selected	l items app ment	oroved for p (units)	procure-
100	Total	1956/57	1955/56	Badges	Holsters	Revolvers	Raincoate
Total	109, 378	75, 225	34, 153	3, 688	667	569	3,00
Region 1	22,327	22, 327		864	54	58	754
Connecticut	5, 325	5, 325		64	25	25	170
Maine	3,272	3, 272		600	9	9	40
Massachusetts New Hampshire	4,079	4, 079		200	15	19	17.
New Jersey	1,865	1,865			5	5	5
New YorkRhode Island	7, 654	7,654					
Vermont	132	132					
legion 2	56, 605	23, 604	33, 001	1,745	461	400	2, 16
Delaware District of Columbia			9, 588				
Kentucky	815	815					
Maryland		5, 562				4	9
Obio	5, 562		23, 413	63 1, 682	461		90
Pennsylvania	38, 177	14, 764	23, 413	1,082	401		l ic
Virginia West Virginia		2, 463					
Region 3	2, 676		569	495	50	50	
Alabama	1, 227	1, 297		J	50	50	
Florida	662	662		195	i		
Georgia							
Mississippi		1				.	
							.
South Carolina							
North Carolina South Carolina Tennessee	787	218	569	300			
Region 4	22, 687	22, 349	338	272	10	10	1
Illinois.		135	144	76		.L	
Indiana				1 38	1		. 4
Michigan	. 165	165		50			
Missouri	1.348						: :
Wisconsin	20, 140	20, 140	1	1	1	. 1	. (

DOLLGE GERMAGEG G .. .

POLICE SERVICES—Continued

Region and State		lue of Fed d (by fi riation)		Selected	items app ment	proved for p (units)	rocure-
	Total	1956/57	1955/56	Badges	Holsters	Revolvers	Raincoat
Region 5							
Arkansas Louisiana New Mexico			1				
Oklahoma Texas							
Region 6	871	871		50		14	
Colorado Iowa Kansas							
Minnesota Nebraska North Dakota	871			50		14	
South Dakota							
Region 7	4, 212	3, 967	245	262	92	37	3
Arizona California Idaho Montana	3, 109	2, 864	245	262	92	37	3
Nevada Oregon Utah	1, 103	1, 103	!	!'			
							
Territories and possessions							
American Samos Canal Zone							
Guam Hawaii Puerto Rico							
Virgin Islands							

PUBLIC CD INFORMATION AND EDUCATION

Region and State	Dollar v	alue of Feder ap	al funds obl opropriation	igated (by fisc)	al year
	Total	1956/57	1955/56	1954 1	1953
Total	729, 057	119, 005	267, 596		342, 456
Region 1	272, 711	64, 346	78, 121		130, 244
Connecticut Maine Massachusetts	7, 967 15, 431 38, 507	1, 558 4, 084 29, 050	3, 300 11, 347		3, 043 5, 346
New Hampshire New Jersey New York	23, 411		3, 830		
Rhode Island Vermont	382 2, 070	897			39? 383
Region 2	237, 124	30, 031	91, 835		115, 258
Delaware District of Columbia		963	19, 855		
Kentucky Maryland	91 703	7 475	1 367		566 10 619
Ohio Ponnsylvania	101, 034 71, 031	2, 103 17, 096	30, 786		74, 150 23, 149
Virginia. West Virginia. A-RDP80B01676R001000	447	2, 194			6, 441 334

Approved For Release 2003/07/29: CIA-RDP80B01676R001000030001-9-

PUBLIC CD INFORMATION AND EDUCATION—Continued

Region and State	Dollar v	alue of Feder a	al funds obli ppropriation	gated (by fise)	ral year
	Total	1956/57	1955/56	1954	1953
Region 3	62, 086	3, 729	25, 104		33, 253
Alabama	7, 263	615	4, 679		1,540
Florida	3, 724 43, 853	600 2, 514	2, 698 13, 704		27. 633
Georgia	736	2, 314	285		
North Carolina	618		462		156
South Carolina	50				54
Tennessee	5, 842		3, 276		2.5%
Region 4	58, 301	3, 922	38, 209		16, 170
Illinois	7, 414	365	7, 049		
Indiana	9, 487	1, 126	4, 154		4, 200
Michigan	19, 266	2, 273	4, 154 11, 203		5,754
Missouri	12, 821	158	9, 125		3, 536
Wisconsin	9, 313		6, 678		2,62
Region 5	28, 816	2, 342	12, 027		14, 46
Arkansas	199		199		
Louisiana	12, 308	1,877	8, 236		2.194
New Mexico		-,			
Oklahoma	181				191
Texas	16, 128	465	3, 592		12,071
Region 6	19,776	1, 109	15, 665		3,000
Colorado	11, 732	150	10, 260		1, 332
Iowa					
Kansas	3, 871 3, 329	268	3, 825 1, 474		1.560
Minnesota Nebraska	3, 329	691	106		1.04
North Dakota					
South Dakota					
Wyoming	47				
Region 7	38, 169	13, 381			24, 79
Arizona	199			-	19
California	29, 911	11, 585			15, 33
Idaho	20, 011	11,000			
Montana					
Nevada	43				
Oregon	4, 523	735			3,79
Utah Washington	1,704 1,789	1,061			1.79
wasnington	1, 100	1,001			
Territories and possessions	12, 074	145	6, 635		5, 23
Alaska	2, 198		1, 337		86
American Samoa	-, 200				
Canal Zone					
Guam	·				4 43
Hawaii	4, 578 5, 298	145	5, 298		4,43
Puerto Rico					

Included under training and education in 1952 and 1954.

ANNUAL REPORTAPPROVED FOR Release 2003/07/29: CIA-RDP80B01676R001000030001-9

RESCUE SERVICE

	Dollar	value of	Federal f	unds obli	igated	Selecte	d items a	pproved it (units)	for
Region and State	Total	1956/57	1955/56	1954	1953 and 1952	Basic rescue kits	Trucks and trailers	Trucks and trailers without tools	Sets' of tools
Total	2, 390, 861	145, 748	592, 124	555, 028	1, 097, 961	27	427	171	384
Region 1	759, 849	61, 702	181, 785	169, 967	346, 395		91	73	142
Connecticut Maine Massachusetts New Hampshire New Jersey New York Rhode Island Vermont	60, 240 29, 011 151, 845 4, 279 122, 626 365, 373 18, 637 7, 838	9, 707 31, 386 17, 880 2, 729	11, 557 13, 750 28, 255 520 54, 235 63, 875 5, 010 4, 583	16, 673 315 20, 389 3, 654 26, 992 92, 334 9, 084 526	22, 303 14, 946 71, 815 105 41, 399 191, 284 4, 543		10 11 9 1 28 27 5	5 14 4 50	20 1 5 112
Region 2	699, 398	58, 565	245, 116	117, 142	278, 575	13	120	57	90
Delaware	37, 581	115	19, 887	3, 826	13, 753		11		
District of Columbia. Kentucky Maryland Ohio Pennsylvania Virginia West Virginia	4, 696 85, 017 199, 184 290, 770 78, 717 3, 433	13, 872 26, 163 18, 415	37, 634 30, 843 128, 849 27, 903	15, 537 44, 718 31, 151 18, 477 3, 433	4, 696 17, 974 123, 623 104, 607 13, 922	4 5 4	21 37 38 12 1	2 1 16 37 1	3 20 21 43
Region 3	107, 900	5, 313	28, 282	25, 019	49, 286		30	3	
AlabamaFlorida Georgia. Mississippi North Carolina	9, 366 41, 992 18, 971 21, 088	5, 313	9, 366 9, 000 6, 812	7, 650 8, 839 4, 132	34, 342 1, 132 4, 831		10 5 4	1 1	
South Carolina Tennessee	16, 483		3, 104	4, 398	8, 981		10		
Region 4	196, 731	6, 156	43, 449	119, 185	27, 941	3	34	8	1
Illinois	70, 405 16, 466 56, 944 19, 954 32, 962	5, 750 193 213	2,628 14,850 6,771 1,993 17,207	50, 222 1, 423 44, 130 7, 655 15, 755	11, 805 5, 830 10, 306	2	8 5 15 1 5	8	
Region 5	113, 627	7, 032	29, 140	29, 351	48, 104	2	24	2	<u> </u>
Arkansas Louisiana New Mexico	10, 512 27, 305	2, 006 5, 026	2, 558 8, 925	5, 948 12, 608	746	2	2 8	1	
Oklahoma Texas	7, 583 68, 227		6,892 10,765	691 10, 104	47, 358		13	1	
Region 6	130, 601	4, 076	14, 932	10, 066	101, 527		27	9	3
Colorado Iowa Kansas	9, 617		686		9, 617		1 5 1		
Minnecote Nebraska	120, 298		14, 246	10,066	91, 910		20	9	3
North Dakota South Dakota				-					
Wyoming	373, 633	2, 904	44, 470	84, 296	242, 161	9	93	19	-
Arizona California Montana	8, 439 261, 594		7, 132	339	968	4	62	17	
Nevada Oregon Utan	63, 457		32, 69 0 898	16, 973 324	-,		. 12 1	ļ	
Washington	39, 445		-	524	38, 521	-	-1		= ===

	Dollar (l	value of y fiscal	Federal year app	funds ob ropriation	ligated n)	Selecte	ed items rocureme	approved nt (units	l for
Region and State	Total	1956/57	1955/56	1954	1953 and 1952	Basic rescue kits	Trucks and trailers with tools	Trucks and trailers without tools	Set of tools
Perritories and possessions	8, 922		4, 950		3, 972		8		
Alaska American Samoa	583				583		2		
Canal Zone Guam Hawaii Puerto Rico	3, 389 4, 950		4, 950		3, 389		2 4		
Virgin Islands									

TRAINING AND EDUCATION

Region and State	Dollar v	alue of Fed ye	leral funds ar appropr	obligated iation)	(by fiscal	Selected pro	items apved
	Total	1956/57	1955/56	1954	1953 and 1952	Courses given	Persons trained
Total	6, 184, 093	413, 992	693, 129	573, 494	4, 503, 478	755	73, 952
Region 1	1, 880, 128	227, 184	142, 684	122, 824	1, 387, 436	49	14, 553
Connecticut.	104, 909	9, 752	28, 679	4, 111	62, 367	18	500
Maine	35, 538	5, 442	3, 637	1, 376	25, 083	1 8	259
Massachusetts	189, 869	13, 515	30, 264	5, 147	140, 943	l	
New Hampshire New Jersey New York	21, 102	3, 671	1, 591	1,776	14, 064	l	
New Jersey	176, 769	13, 960	38, 620	23, 818	100, 371	2	150
New York	1, 320, 788	177, 440	36, 568	85, 595	1, 021, 185	21	13, 335
Rhode Island	14.384	356	427	376	13, 255		
Vermont	16, 769	3,048	2, 898	625	10, 198		
		9,010	2,000		10, 100		
Region 2		75, 992	173, 847	76, 688	776, 013	439	30, 820
Delaware District of Columbia	47, 378	2, 379	13, 699	383	30, 917	4	3, 363
District of Columbia	241				241		
Kentucky	13, 042		275		12,767		
Maryland	162.459	4, 401	6, 488	1, 506	150,064	66	1, 225
Ohio	396, 695	15, 244	43, 665	38, 972	298, 814	321	18, 107
Pennsylvania	I 407 270	49, 214	104, 795	30, 663	222, 707	48	8, 103
Virginia	73, 797	4, 754	4, 925	4, 592	59, 526		~
Virginia West Virginia	1, 549	-, , , ,	4,020	572	977		
	1,010			012			
Region 3	336, 777	13, 613	99, 775	73, 208	150, 181	48	2,740
Alabama	102, 930	594	25, 790	39, 414	37, 132		
Florida	74, 583	8, 656	39, 022	2, 059	24, 846	48	2.740
Georgia.	61, 382	2, 469	25, 574	22, 406	10,000		
Mississippi	01, 502	2, 409	20, 074	22, 400	10, 933		
North Carolina	2, 500 5, 386		2, 010		490		
South Carolina	0, 480		72	3, 826	1.488		
South Carolina Tennessee	9, 043				9,043		
r ennessee	80, 953	1,894	7, 307	5, 503	66, 249		
Region 4	445, 920	10, 46 7	35, 615	71, 064	328, 774	38	10, 157
Illinois	47, 896	1, 821	5, 508	18, 969	21, 598	15	414
Indiana	KR 987		7, 758	925	46, 966	8	614
Wichigan.	217, 103	3, 760		W25:		1 8	
Missouri	211, 100	0, 100	10, 082	8, 977	194, 575	ڏ .	116
Wisensels	50, 150	3,554	3, 558 8, 709	21, 355	21, 683	6	
Wisconsin	74, 104	605	8,709	20, 838			6, 345
Region 5	267, 529	60, 311	75, 937	49, 877	81, 404	76	3, 456
A management							
Arkalisas	12, 257	2, 420	9, 073	£, 855	764		
, outsidie	64, 063	S. 847	8, 940	4. 8.00	40, 621		
Torrigiana New Mexico		,					
Oklahoma	118, 560	41, 909	48, 352	25, 399	2, 900	24	1, 343
Texas	72.649	7, 335	9, 572	21, 623	34, 119	03	2 093
			- 0,012	22,020	04,115	52	

ANNUAL REPORT, 1956 Approved For Release 2003/07/29: CIA-RDP80B01676R001000030001-9 RESCUE SERVICE—Continued TRAINING AND EDUCATION—Continued

Region and State	Dollar v	ralue of Fe	deral funds ar appropr	obligated iation)	(by fiscal		items ap- ved
	Total	1956/57	1955/56	1954	1953 and 1952	Courses given	Persons trained
Region 6	297, 161	12, 148	10, 720	24, 659	249, 634	25	2, 58
Colorado	33, 849 15, 054		609	1, 917 501	31, 323 14, 553		
Minnesota	100, 476 79, 596	485 1, 204	2, 746 4, 344	. 11, 186 7, 576	86, 059 66, 472	17	1, 793
Nebraska North Dakota South Dakota	42, 157 20, 758 780	10, 091 255	2, 361	3, 251	26, 454 20, 503	i	4(
Wyoming	4, 491	113	660	228	780 3, 490	7	750
Region 7	1, 686, 479	13, 669	151, 807	150, 517	1, 370, 486	79	9, 58
Arizona	29, 711		4, 741	2, 426	22, 544		
Idaho	1, 388, 253 386	12, 125 100	92, 835	110, 748 286	1, 172, 545	75	9, 191
Montana Nevada	1, 492 17, 617	101	108	212	1, 071		
Oregon	87, 225		20, 965	13, 785	17, 617 52, 475		-
Utah Washington	28, 686 133, 109	462 881	2, 482 30, 676	3, 438 19, 622	22, 304 81, 930	3	90 300
Territories and possessions	167, 559	608	2, 744	4, 657		1	60
Alaska American Samoa	28, 478		132	3, 421	24, 925		
Canal Zone	77			77			
Guam Hawali	6, 343 58, 038		559		5, 784		
Puerto Rico	73, 161	142	1, 638	831 328	55, 569 72, 691		
Virgin Islands.	1, 462	466	415	020	581	1	60

WELFARE SERVICE

	Dollar (1	value of y fiscal	Federal year app	funds ob ropriatio	ligated n)	Select pr	ed items ocuremen	approve nt (units	l for)
Region and State	Total	1956/57	1955/56	1954	1953 and 1952	Blank- ets	Food and liquid carriers	Port- able stoves and burners	Stock
Total	290, 018	43, 190	82, 776	101, 692	62, 360	24, 217	235	503	262
Region 1	116, 013	24, 128	50, 156	35, 968	5, 761	4, 030	71	273	46
Connecticut	1, 978 18, 298 14, 807	609 10, 800	872 5, 362 1, 125	497 7,684 2,882	5, 252	3, 500	4 20 20	4 251	20
New Hempshire New Jersey New York Rhode Island Vermont	34, 389 35, 628 10, 104	12, 719	16, 099 16, 594 10, 104	18, 290 6, 315	509	30 300 200	5 18 2 2		
Region 2	107. 376	16, 494	22. 233	54. 015	14. 634	12 412	48	214	200
Delaware District of Columbia	1, 960		1, 960			600	12		
Kentucky Maryland Ohio. Pennsylvania Virginia West Virginia	48, 463 49, 190 6, 559	222 15, 272	11, 566 2 378	8, 695 2, 204		400 10,800 612	4	200	100

WELFARE SERVICE-Continued

						1			
				funds ob ropriatio		Select pr	ed items ocureme	approve at (units	d for
Region and State	Total	1956/57	1955/56	1954	1953 and 1952	Blank- ets	Food and liquid carriers	Port- able stoves and burners	Stoe
Region 3	841		841						
AlabamaFlorida									
Georgia	641		641						
North Carolina	200		200						
South Carolina									
Tennessee									
egion 4	23, 995	1,868	5, 317	299	16, 511	3,075	100		
•	<u> </u>	1,000		200		3,075	100		
Illinois Indiana	324 16, 891		324 380					••	
Michigan	4, 411		4, 250	161	16, 511	3, 075	100	 	!
Missouri	138		2,400	138			100		
Wisconsin	2, 231	1,868	363						
egion 5									-
Arkenege									·
Louisiana New Mexico Oklahoma	1								
New Mexico									
Oklahoma	·		·	i					
Texas	·						<u></u>		
egion 6	826		420	406		200			
ColoradoIowa	826		420	406		200			
Kansas				<u> </u>		'			• • • • •
Minnesota	i								
Nebraska North Dakota									
Youth Takete									
NOITH DAKOUS									
South Dakota									
South Dakota Wyoming									
Wyoming									
Wyomingegion 7	40, 967	700	3, 809	11,004	25, 454	4, 500	16		
South Dakota Wyoming cgion 7 Arizona California	40, 967	700	3, 809	11,004	25, 454	4, 500	16	16	1
South Dakota. Wyoming egion 7 Arizona California Idaho	1, 432	700	3, 809	11,004	25, 454	4, 500	16	16	1
South Dakota. Wyoming. cgion 7. Arizona California Idaho. Montana	1, 432	700	3, 809	11,004	25, 454	4, 500	16	16	1
south Dakota Vyoming egion 7 Arizona California Idaho Montana Nevada	1, 432	700	3, 809	11,004	25, 454	4, 500	16	16	1
South Dakota Wyoming cgion 7 Arizona California Idaho Montana Nevada Oregon Utah	1, 432	700	3, 809	11,004	25, 454	4, 500	16	16	1
SOUTH DAKOTA Wyoming Cgion 7 Arizona California Idaho Montana Newada Oregon	1, 432	700	3, 809	11,004	25, 454	4, 500	16	16	1
ogion 7 Arizona. California. Idaho. Montana. Nevada. Oregon. Utah. Washington.	1, 432 12, 204 27, 331	700	3, 809 1, 932 1, 877	11,004	25, 454	4, 500	16	16	1
ogion 7 Arizona. California. Idaho. Montana. Nevada. Oregon. Utah. Washington.	1, 432 12, 204 27, 331	700	3, 809 1, 932 1, 877	11,004	25, 454 25, 454	4, 500	16	16	1
South Dakota Wyoming Arizona. California. Idaho Montana Nevada Oregon Utah Washington Erritories and possessions	1, 432 12, 204 27, 331	700	3, 809 1, 932 1, 877	11,004	25, 454 25, 454 25, 454	4, 500	16	16	1
south Dakota Wyoming egion 7. Arizona California Idaho Montana Nevada Oregon Utah Washington erritories and possessions American Sanoa	1, 432 12, 204 27, 331	700	3, 809 	11,004	25, 454 25, 454	4, 500	16	16	1
south Dakota Wyoming cgion 7 Arizona California Idaho Montana Nevada Oregon Utah Washington carritories and possessions American Samoa Canal Zone Canal Zone Guam	1, 432 12, 204 27, 331	700	3, 809 1, 932 1, 877	11,004	25, 454	4,500	16	16	1
south Dakota Wyoming cgion 7 Arkona California Idaho Montana Oregon Utal Utal critories and possessions Alaska American Samoa Canal Zone Guam Hawaii	1, 432 12, 204 27, 331	700	3, 809 	11,004	25, 454	4, 500	16	16	1
south Dakota Wyoming cgion 7 Arizona California Idaho Montana Oregon Utah Utah cerritories and possessions Alaska American Samoa Canal Zone Guam Hawaii	1, 432 12, 204 27, 331	700	3, 809 1, 932 1, 877	11,004	25, 454	4,500	16	16	1

OTHER SERVICES

Region and State	Dollar v	alue of Fede	eral funds obl propriation	ligated (by fi on)	scal year ap
	Total	1956/57	1955/56 1	1954 1	1953 1
Total	- 179, 16	5 20, 45	1 11, 19	1 6, 379	141, 1
Region 1	- 66, 23	3 45	451 7, 574		E0 0
Connecticut	7,02				- 58, 2
Maine	-, 02	***************************************	0, 57	1	
Massachusetts New Hampshire					
New Jersey	1,000)	1,000)	
New Jersey New York	58, 211	211			
Rhode IslandVermont					- 58, 2
vermont					-
Region 2	24, 013				04.0
Delaware					- 24, 0
District of Columbia.					-
Kentucky Maryland	·				
Ohio	24, 013				
Pennsylvania					24, 01
Virginia West Virginia		-			
				<u>-1</u>	
Region 3	1,750		1,750		
Alabama			- 	-	
Florida				-	
Georgia Miceissippi	1, 750		- 1,750		
Mississippl North Carolina			-	-	
South Carolina					
Tennessee.					
legion 4	26, 279				
Illinois	20, 219			6, 379	19, 90
Indiana			-		
Michigan	11, 967 14, 312				11,96
Missouri Wisconsin	14, 312			6, 379	7, 93
legion 5	118		118		
Arkansas					
Louisiana.	118		118		
New Mexico Oklahoma.					
Texas		l			
egion 6					
-	1,892	<u></u>	1,402		490
ColoradoIowa	1,402		1,402		
Kansas	490				
Minnesota	490				490
Nebraska North Dakota					
South Dakota					
Wyoming					
egion 7	58, 877	20, 000	347		38, 530
Arizona California	121				121
Idaho	58, 037	20,000			38, 037
Montana					
Nevada			!	!	
OregonUtah	521		347		174
Washington	198				198
I.					
erritories and possessions					
Alaska	!				
American Samos Canal Zone					
Guam				.	
Hawaii					
Puerto Rico. Virgin Islands					
A-RDP80B01676R001000	าวกกกง	ο			

Approved For Release 2003/07/29: CIA-RDP80B01676R001000030001-9

1 These funds were principally for police Items in 1953, engineering items in 1954, and evacuation studies in 1955/56 and 1956/57.

STATE CIVIL DEFENSE COUNCILS AND ADVISORY COMMITTEES

There are several national groups which help to shape civil defense planning and policy, such as:

(1) The National Civil Defense Advisory Council appointed by the President in accordance with Public Law 920, 81st Congress.

(2) The Civil Defense Coordinating Board created by Executive Order 10,611 in May 1955, with representatives from 17 major Federal agencies to assist in developing a civil defense plan for all Federal departments and agencies.

(3) The Civil Defense Scientific Advisory Committee created in 1954 under authority of section 102 (b), Public Law 920, 81st Congress, to assist FCDA in major scientific problems affecting civil defense.

(4) The National Advisory Council for Rural Civil Defense established in December 1955 by the FCDA Administrator.

Just as Civil Defense Advisory Councils and Committees are needed at the national level, so the need for such groups has been recognized by the States. All except eight States have a Civil Defense Council or Advisory Committee, or both. They are by States:

STATE CIVIL DEFENSE COUNCILS AND ADVISORY COMMITTEES

	,			HITEES				
Region and State	States having a civil de- fense council		уре		States having a civil de-	Т	ype	
	or ad- visory commit- tee	Council	Com- mittee	Region and State Region and State fense council or advisory committee		Council	Com- mittee	
Region I: Connecticut Maine Massachusetts New Hampshire New Jersey	X X X X X X	X X X X X X		Region*4: Illinois_ Indiana. Michigan Missouri.	X X X	(3) (3) (3)	999	
Rhode Island		X X X		Region 5: Arkansas	x	(*) X	(7)	
Delaware District of Columbia Kentucky Maryland	X X	1 X	X	New Mexico Oklahoma Texas Region 6:	XXX	X X X		
Ohio. Pennsylvania Virginia West Virginia egion 3;	X X X	x	X	Colorado Iowa Kansas Minnesota Nebraska	X X X	(3) X X	(4)	
Alabama Florida Georgia Mississippi North Carolina	X X X	(a) (b) (c)	0 00	South Dakota Wyoming Region 7	X X X	X X X		
North Carolina South Carolina Tennessee	X	8	8	Arizona California idano	X X X	XX L	(I) Nine	
				Oregon Utah Washington	X X X X X X	(3) X X X	Six X Nine	

CIVIL DEFENSE PERSONNEL

The tables that follow show summaries of the number of persons currently enrolled in civil defense as reported by the District of Columbia and 42 of the 48 States. The figures include those persons who are actively enrolled in civil defense and who have been notified of their civil defense assignments—paid or volunteer, full or partime personnel. FCDA has been unable to obtain data on this subject from six States.

The tables reflect personnel status as of June 30, 1956, but due to differences in reporting systems, the figures for seven States cover a period ranging from December 31, 1955, to August 1956. The figures from many States represent their best available estimates rather than actual counts. They should therefore be used as estimates only and with some caution.

NUMBER OF PERSONS ENROLLED IN CIVIL DEFENSE By State

Region and State	Number of persons enrolled	Region and State	Number of persons enrolled
Total Region 1. Connecticut	1 (1, 446, 153) 89, 055 72, 896 195, 196 297, 620 756, 688 77, 707 757, 249 15, 249 15, 249 202, 059 465, 715 202, 059 465, 715 202, 059 465, 743 202, 059 465, 143 202, 059	Region 5. Arkansas. Louisiana New Metico. Oklahoma Teras. Region 6. Colorado. Lowa. Kansas. Minnesota. Nebraska. North Dakota. South Dakota. Wyoming. Region 7. Arizona. California. Latho. Montana. Montana. Oregon.	45, 707 94, 906 12, 732 87, 005 143, 259 350, 533 53, 514 49, 086 44, 950 70, 551 53, 895 22, 496 43, 826 21, 215

By Program

Service or program	Number of persons enrolled	Service or program	Number of persons enrolled
Total	79, 608 181, 851 379, 890 395, 530 563, 720 433, 134 772, 828	Police—regular and auxiliary Public information—officers and staff. Radiological defense. Rescue—light and heavy duty, industrial, etc. Supply. Training and education—including training officers, but NOT including those counted in other services listed above or below. Transportation Warden. Other.	429, 205 5, 383 22, 818 105, 434 22, 339 36, 620 473, 653 392, 652 176, 408

¹ This total is for the District of Columbia and 42 of the 48 States.

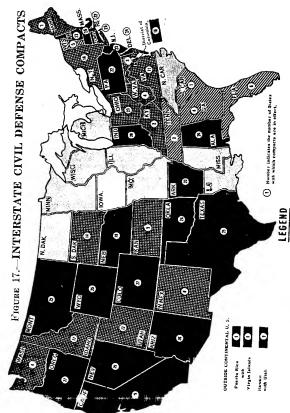
INTERSTATE CIVIL DEFENSE AND DISASTER COMPACTS

The Federal Civil Defense Act of 1950, as amended (subsec. 201 (g)), authorizes the Administrator to encourage, and to assist in, the negotiation of civil defense compacts between States and to review the terms and conditions to obtain uniformity in them and consistency with national civil defense plans and programs, where feasible. The Administrator is also authorized to assist and coordinate activities under such compacts. The act establishes congressional procedure for the granting of the consent of Congress to civil defense compacts.

Such a device as the interstate compact was considered necessary by the Congress to avoid Federal centralization of civil defense operations and at the same time to avoid excessive decentralization which might result if each State could operate in civil defense matters only as a separate entity. The interstate compact provides a broad base of legal authority for joint civil defense action by two or more States.

A model compact which was developed by the Office of Civil Defense of the National Security Resources Board in conjunction with representatives of the Council of State Governments has been followed by the States in executing civil defense agreements. There have been no substantial changes in its terms except in several of the Southeastern States, which have executed compacts which do not contain authority for interstate operations in natural disasters. Vermont is the only other State which deviates from the model in this manner. Some of the Ohio compacts contain a substantial deviation in article 3 in the rights, privileges, and immunities clause. However, ill except a few of the Ohio compacts have now been brought into line with the model by amendment of this article.

The compacts authorize supplementary agreements which are effective without being submitted to the Approved For Release 2003/07/29 : CIA-RDP80B01676R001000030001-9



111

2

ments, either formal or informal, have been entered into between many States under this authority. These agreements set out in detail plans of operations in the fields of the various civil defense services, such as police, medical, welfare, and others.

While considerable progress has been made by the States in effectuating interstate civil defense compacts, there are some areas of the country which have lagged in establishing this authority, as indicated in figure 17. In view of the survival plan program which FCDA has initiated, it is especially important that all States establish the necessary basic legal framework for operating across State boundaries.

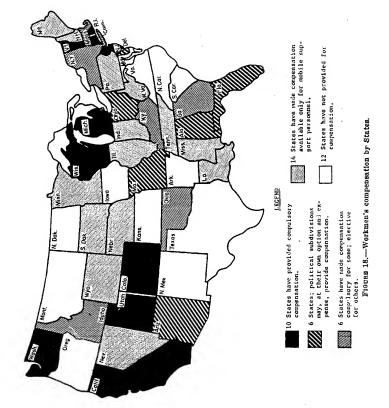
Thirty-eight States and the District of Columbia, Hawaii, the Virgin Islands, and Puerto Rico, have at least one interstate civil defense compact in effect. The compacts of 33 of these States are in the terms of the model; however, 13 of these 33 have not offered to compact with all other States. Ten States do not have civil defense compacts, i. e., Illinois, Iowa, Louisiana, Michigan, Minnesota, Mississippi, Missouri, North Carolina, North Dakota, and Wisconsin. Only one State in this group (Iowa) has no statutory authority to enter into such compacts.

Of the 38 States, 5 (Alabama, Arizona, Colorado, Oklahoma, and Oregon) have compacts with more than 25 other States; 17 have compacts with from 16 to 25 others; 7 have compacts with from 6 to 15 others; 9 have compacts with from 1 to 5 others.

All of the States have not followed the same method of either authorizing or effectuating compacts. Some of the State legislatures have conferred general authority upon the Governor to enter into civil defense compacts with other States; others have authorized the Governor to enter into interstate civil defense compacts in terms set out in a special Compact Act. A majority of the States have followed the procedures for effectuating compacts set out in FCDA Advisory Bulletin No. 32 and Supplement No. 1 thereto. Some have followed different methods of consummation, usually by executing a separate instrument with each State and forwarding a copy of each such instrument to Congress.

WORKMEN'S COMPENSATION FOR CD PERSONNEL

Thirty six States have adopted legislation providing for compensation to special categories of, or all, civil defense workers who may be injured while in training or on duty or under other specified conditions. In four States (California, New York, Ohio, and Khode Island) this has been done by amendment to the State Workmen's Compensation Law, while in the remaining States which have en-



acted this type of legislation it has been done by the State Civil Defense Act or amendments thereto. Approved For Release 2003/07/29: CIA-RDP80B01676R001000030001-9

In 12 States (California, Colorado, Connecticut, Maine, Massachusetts, Michigan, New Jersey, New York, Ohio, Rhode Island, Washington, and Wisconsin) either compulsory or elective coverage is provided for all types of civil defense workers and for periods while in training, practice, or on duty. The other States have limited coverage to specified civil defense workers, such as members of mobile support units or those rendering aid outside of their own political subdivisions, or police and rescue personnel. In some States coverage is also limited to injuries received during attack or while on actual duty or while performing specified services.

Under most of the provisions the covered volunteer civil defense workers are classified as employees of the State or given the same rights as State employees for purposes of the Workmen's Compensation Law. In some States they are classified as employees of the

sponsoring local political subdivision.

In general, benefits under the State Workmen's Compensation Law are applied to civil defense workers who are covered. In California and New York, where coverage for special workers is provided by amendment to Workmen's Compensation Laws, the benefits are less in some respects for these workers than for others. In Massachusetts, where coverage has been included in the State Civil Defense Act, benefits for civil defense workers are greater in some respects than those for regularly covered workers. New Jersey has a special benefit system for civil defense workers.

Civil defense workers who are on a paid basis generally are subject to the same protection for injuries while on duty as other public employees who are on a paid basis. Figure 19 summarizes the main provisions of laws relating to workmen's compensation for civil defense personnel.

AMERICAN NATIONAL RED CROSS COOPERATION

The American National Red Cross participation in the national civil defense program expanded during the year following a series of conferences between officials of FCDA and the Red Cross and an exchange of letters between the Administrator and the president of the Red Cross.

To effect a closer working relationship, the Red Cross created the position of assistant to the president on civil defense affairs in its national headquarters, and arranged for a full time liaison officer at FCDA National Headquarters. In addition, Red Cross representatives for liaison and program planning were detailed to each of PCDA's seven regional offices, some on loan, others continuing in the employ of the Red Cross. FCDA, in turn, added new members

	Compensation	n Provided by
State	Amendment to Workmen's Compensation Act	State Civil
Alabama		
Arizona		
California		
Colorado		a.
Connecticut		
Delaware		
Florida		
Georgia		
Idaho		
Illinois		
Indiana		
Kentucky		
Louisiana	1	
Maine		
Massachusetts		
Michigan		
Minnesota		
Mississippi		
Missouri		
Nebraska		[0.00000000000000000000000000000000000
Nevada	 	000000000000000000000000000000000000000
New Jersey	 	- 10
New Hampshire		a. :
New York	393300000000000000000000000000000000000	***************************************
Ohio		
Oklahoma		200000000000000000000000000000000000000
Pennsylvania		
Rhode Island	500000000000000000000000000000000000000	
South Dakota		
Tennessee		
Utah		
Vermont		
Washington		
West Virginia		
Wisconsin		
Wyoming		

- By special legislation.
- Compulsory for volunteer unpaid firemen other volunceer unpaid personnel.
- Compulsory for certain civil defense per
- d. Compulsory for firemen and policemen per to its welfare staff to work with the Red Cross.

 Approved For Release 2003/07/29: CIA-RDP80B01676R00 000003060 ps; no benefits for others.

Only to the extent as provided for sheri police.

157

Defense Act Compulsory Elective Compulsory Elective Compulsory Elective Training P	le Rehabil-	Benefits Available	for Mobile 00038001-9	Benefits B01676R0010	All Political CD Personnel 29: CIA-RDP80	Benefits for Subdivision ease 2003/07/2		Benefits for Civil Defense App	Provided by State Civil	Amendment to Workmen's
B. B. S.			Elective	Compulsory	Elective	Compulsory		Compulsory	Defense Act	Compensation
B. B. S.	' i.	i.	g.		g.					
a, g. g. i. g. g. j. j. l. j. g. g. s. g. g. g. b. b. b. b. i. i. g. g. g. g. g. g. g. g. g. j. j.	i.									***************************************
g. g. 1. g. g. i. j. j. g. g.	i.									
g. g. 1. g. g. 1. 1, j. 2, g. g. g. k. b. b. b. b. b. b. b. b. b. j. j. k. g. g. g. g. g. g. g. g. g. d. k. d. d. g. g. g.	i.								a.	
g. g. j. 1. j. 1. j. 2. g. 8. k. b. b. b. b. b. b. 1. 1. i. 2. g. 3. g. 4. k. 2. c. c. c. c. c. 4. d. 2. g. g. 3. g. 4. d. 4. d.	i.						र्भ अभिन्ति की बीध			
5. 5. 1. j. 5. 6. 5. 6. 6. k. 7. k. 8. 6. 8.	i.		g.	,						
1.	i.		g.		8.					
g. g. g. h.	i.	+					Series Co.			
B. B. B.	i.			1.		7 x1				
b. b. b. b. b. b. i. i. i. g. g. g. g. g. g. g. k. c. c. c. c. c. c. k. d. d. g. g. g. k. c. c. c. c. c. k. d. g. g. g.	i.									
b. b. b. b. b. b. i. i. i. g. g. g. g. g. g. a. c. c. c. c. c. c. c. c. d. g. g. g. g. k. c. c. c. c. c. c. c. k. d. d.	i.			g.		X				
b. b. b. b. b. b. i. i. i. g. g. g. i. g. g. g. i. a. i. g. c. c. c. c. c. c. c. k. d. d. g. g. g. g. k. c. c. c. c. c. c. c. k. d. d.	i.	k.								
1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	i.									<u>{</u>
1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	i.				<u> </u>			***************************************		
g. g. g. g. 1. a. 1. c. c. c. c. d. d. g. g. g. g. g. <t< td=""><td>i.</td><td></td><td>b.</td><td></td><td>b.</td><td>b</td><td>b.</td><td>D.</td><td></td><td></td></t<>	i.		b.		b.	b	b.	D.		
g. g. i. g. g. g. a. 2. c. c. c. c. c. c. c. c. k. d. g. g. k. g. g. i. k. c. c. c. c. c. c. k. d. d.	1.									
8. 8. 1. 1. a. k. C.		g.		g.	14.5	. 113 Merchanis				
8. 8. 1. 1. a. k. C.		L								
a.	i.	1.	g.	, .	g.		·			
a. c. c. c. c. c. c. d. d. g. g. g. g. e. e. e.	i.			g.	·					
C. C. C. C. C. C. d. d. g. g. g. g. e. e. e.	1.	1.						355000000000000000000000000000000000000	•	
C. C	i.								a.	
8. d. d. d. S. e. e. e. e. e.	i.	k.							***************************************	·
d. d. g. g. g. g. e. e. e. e. e. e	с.	с.	c.	. c.	c,	С.		c.		
g. g. g. g. e. e. e. e.		k.							***************************************	<u> </u>
e. e. e. e.	i	d						d.		
e, e, e, e,	1.					*******************		******************	<u>2000000000000000000000000000000000000</u>	
e, e, e, e,						***************************************		***************************************	<u> </u>	<u> </u>
e, e, e, e,	i.			g.						
1.	i.	8.	g.	****************		30.00				
1.		<u> </u>			<u> </u>					
	1.	е.		e.		e.		e.		
1	i					***************************************		***************************************		
	1							-		- 100 100
f. f.				**************************************						

legislation.

for volunteer unpaid firemen and policemen; elective for :eer unpaid personnel.

for certain civil defense personnel, elective for others. for firemen and policemen performing civil defense activmerits for others,

- h. Compulsory for State, county and city personnel; elective for town personnel.
- No specific provision
- j. Compulsory for mobile support personnel; elective for political subdivision personnel.
- k. Elective.

extent as provided for sheriffs, constables and local

1. Compulsory for State personnel; elective for political subdivision personnel.

nnel acting as employees of a private personnel.

Benefits are for injuries only not death

k. Elective.

1. Compulsory for State personnel; elective for political subdivision personnel.

Personnel.

CIA-RDP80B01676R001000030001-9

Reactivities. Benefits are for injuries only not death

In late 1955, FCDA and the Red Cross cooperated in relief work in a number of natural disasters, particularly the floods on the west and east coasts. During these operations both agencies were able to clarify their respective responsibilities and familiarize one another with policies and procedures.

At the request of FCDA, the Red Cross has helped to improve and speed civil defense training in first aid, home nursing, and emergency feeding. During fiscal year 1956 the Red Cross awarded 852,000 first aid certificates and 216,800 home nursing certificates.

During the year the Red Cross began work on a new standard first aid course which will include techniques for the treatment of illness and injury resulting from enemy attack. The new course will be the first aid training course for civil defense workers and the general public, and will be publicized jointly by FCDA and Red Cross.

Recognizing Red Cross experience in training canteen workers, FCDA requested help in preparing an emergency mass feeding course for civil defense uses. FCDA will use this course to train civil defense workers for enemy-caused emergencies; the Red Cross in training volunteers for mass feeding operations in natural disasters. Two pilot courses to test the soundness of course material were scheduled for midsummer.

With the advice and counsel of leaders in nursing, the Red Cross is preparing a new training course on care of the sick and injured for all civil defense auxiliary personnel working in medical care facilities.

Plans assigning to the Red Cross development of a national system for procurement of whole blood were completed by FCDA. In civil defense emergencies the Red Cross will direct the plan, under the supervision of the FCDA health office.

INTERNATIONAL COOPERATION

As one of the elements in the total program of national security, which includes defense alliances with friendly foreign nations, FCDA, under Public Law 920, has the authority to work closely with allied nations in developing civil defense systems.

FCDA is required, with the advice and guidance of the Department of State, to take part in deliberations of international civil defense and security organizations and exchange civil defense information with other free world nations.

A summary of the major activities and developments in civil defense international cooperation during the fiscal year follows.

Approved For Release 2003/07/29: CIA-RDP80B01676R001000013000109Treaty Organization

Approved For Release 2003/07/29: CIA-RDP80B01676R001000030001-9

In 1955, the North Atlantic Council, recognizing the need for a comprehensive survey and coordination of all phases of civil emer-

gency planning, created the Senior Civil Emergency Planning Committee.

116

The function of this committee is to advise the Council on civil emergency planning, and to provide guidance to all groups engaged in planning. The senior committee held two meetings during fiscal 1956. The meeting held in April 1956 was attended by the FCDA Administrator.

FCDA also serves on an interagency committee which was founded during the year to formulate policies for and provide guidance to the United States delegate to the Senior Civil Emergency Planning Committee. This committee is composed of representatives of the Departments of State and Defense, the International Cooperation Administration, and the Office of Defense Mobilization.

The NATO Civil Defense Committee, created in 1952, and composed of the civil defense directors of the NATO member nations, continued to concern itself during the year with the development of civil defense programs. This included promoting free exchange of civil defense information, developing civil defense agreements between nations, standardizing civil defense equipment and training, and furthering mutual support on an international basis.

This committee also established working groups to study technical problems involved in fire fighting, shelter, scientific matters, warning systems, mobile support columns, and the maintenance of public utilities.

The NATO Civil Defense Committee held two meetings during the year. The Administrator and his special advisor attended the meeting held in November 1955.

At the request of the Department of State, FCDA also sent representatives to a number of meetings of NATO working parties established by the Civil Defense Committee, including the working parties on firefighting, shelters, public utilities (gas, water, and electricity), and the scientific working party.

An FCDA representative will attend all future meetings of the working party on warnings.

In 1954, the North Atlantic Council created a medical committee to plan assessment of casualties, and to study stockpiling of medical material, export and import requirements, and war hospitalization facilities. This committee held two meetings which were attended by representatives of several United States Government agencies, including FCDA.

In view of its direct concern with many of the problems currently being considered by the medical committee, FCDA has been asked by the Department of State to continue its participation in the com-

In November 1955, the Senior Civil Defense Advisor for NATO, Sir John Hodsoll, visited the United States to confer with the Department of State on the coordination of NATO civil emergency planning. At the invitation of FCDA, he addressed meetings of the National Association of State Civil Defense Directors and the FCDA

FEDERAL CIVIL DEFENSE ADMINISTRATION

National Women's Advisory Committee.

Approved For Release 2003/07/29: CIA-RDP80B01676R001000030001-9

Canada

Joint Canadian and United States civil defense matters are handled through the Joint United States-Canada Civil Defense Committee established on March 27, 1951. It was agreed then that, so far as possible, joint civil defense activities should be coordinated as if there were no border. The committee provides a nondiplomatic channel for communications, and enjoins the respective countries to provide a full and free flow of civil defense information to each other. It also authorizes direct cooperation between States and Provinces, and between border municipalities.

United States members include representatives of the Departments of Justice, State, and Treasury, in addition to the Federal Civil Defense Administrator and members of his staff. Canadian representatives are the Minister of the National Department of Health and Welfare, and his deputy, the Federal Coordinator, and officials of the Department of External Affairs, and the Canadian Joint Staff.

Day-to-day business of the committee is conducted through the joint secretariat and joint working groups set up to handle specific technical and professional problems.

Operating agreements have been made on most essential matters, and the current business of the committee is primarily coordination and consultation on problems of civil defense and their solution.

The full committee met in July 1955. The next meeting was set for October 18-19, 1956.

Canadian and United States civil defense staff colleges exchanged students and course material during the year. Conferences on a wide variety of subjects were attended by representatives from each country. Technical and professional papers of each country were submitted, when possible, for review by the staff of the other country, before publication.

Arrangements were completed for the loan of a 200-bed civil defense emergency hospital unit to Canada for training in casualty care. Other arrangements were made to make available to Canada pertain stems of chemical and biological warfare defense for study.

mittee work, and to provide the United Approved For Release, 2003/07/29: CIA-RDP80B01676R001000030001-9 meeting scheduled in the fall of 1956.

Cooperation With Other Friendly Nations

During the fiscal year, FCDA broadened its program of exchanging information on civil defense with other friendly nations. FCDA's Staff College training facilities were made available to civil defense officers from other countries, including China (Formosa), Canada, Chile, Denmark, Egypt, Pakistan, Sweden, and Venezuela.

Basic information on the FCDA civil defense organization, unclassified results of the atomic test program, and many FCDA films and publications were furnished upon request to: Australia, Belgium, Brazil, Canada, Chile, Denmark, Egypt, Ecuador, France, (West) Germany, Great Britain, Honduras, India, Iran, Ireland, Italy, Japan, Lebanon, Malta, The Netherlands, Norway, Pakistan, Peru, the Philippines, Portugal, South Africa, Spain, Sweden, Switzerland, Uruguay, and Venezuela.

FCDA also established a program with friendly nations to exchange civil defense equipment for comparative testing.

The FCDA staff provided technical help and guidance to the civil defense director of Pakistan in preparing his country's national civil defense plan.

FCDA arranged for the civil defense directors of Denmark and Bombay, India, to visit several States and cities to study State and local civil defense organizations and operations.

During the year, the Commandant of the Australian Civil Defense School, the Civil Defense Director of the Australian State of New South Wales, a member of the Civil Defense Advisory Commission of Chile, the Civil Defense Directors of Denmark and Bombay, India, representatives of the Governments of China (Formosa), Egypt, Great Britain, and South Africa visited FCDA to study United States evacuation plans and the national civil defense program. All were given briefings on defense problems raised by thermonuclear weapons and FCDA measures devised to protect United States citizens against nuclear weapons and natural disasters.

In April 1956, Mr. R. C. Chilver, deputy secretary, Cabinet Office of the United Kingdom, visited the United States to discuss civil emergency planning with officials of the Department of State, the Office of Defense Mobilization, and FCDA. At the invitation of FCDA, Mr. Chilver addressed the annual meeting of the National Association of State and Territorial Civil Defense Directors.

FCDA officials attending NATO working Approved thous Release 2003/07/29: CIA-RDP80B01676R001000030001-9 rope during the year reviewed civil defense developments and conferred with officials in Belgium, France, Great Britain, and Sweden.

Visits by FCDA Officials Abroad

tions of Denmark, The Netherlands, Sweden, and the United Kingdom, and met with civil defense and other government officials in those countries. The Special Advisor to the Administrator inspected civil defense in Denmark, Norway, Portugal, and Sweden. These visits and studies developed the following conclusions:

Many European countries are taking a new look at their civil defense plans and are revising them in light of nuclear warfare. Better balance between shelter and evacuation is being sought because of the danger of radioactive fallout from thermonuclear weapons.

Small European countries with little room for tactical or permanent dispersal are stressing deep public shelters as a major protection device.

There was a notable increase in the tendency of some countries to train specific civil defense forces, these to be organized as mobile columns or independent civil defense corps available exclusively for civil defense emergency duty.

In smaller countries, need for highly trained, well organized forces under control of the central government to back up local volunteer civil defense elements in areas of greatest need was indicated.

Great Britain devoted a great deal of study and conducted one exercise to test military support of civil authorities in event of nuclear attack.

Public participation in and governmental support of civil defense in many Western European countries are ahead of the United States.

Populations of several European countries voluntarily voted themselves a civil defense obligation under law, making it mandatory on everyone between the ages of 16 and 65 to take a prescribed number of hours of civil defense training each year.